

Converting Colors

XYZ(96.8401, 130.8914,
105.9794)

Have a look what the booklet for
XYZ(96.8401, 130.8914, 105.9794)
contains.

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Color

**XYZ(76.7177, 90.7482,
99.0606)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | CBFFF4 |
| RGB | 203, 255, 244 |
| RGB Percent | 80%, 100%, 96% |
| CMY | 0.2039, 0.0000, 0.0431 |
| CMYK | 0.20, 0.00, 0.04, 0.00 |
| HSL | 167°, 100%, 90% |
| HSV | 167°, 20%, 100% |
| XYZ | 76.7177, 90.7482, 99.0606 |
| YIQ | 238.1980, -27.4610, -14.4450 |

Conversions

Conversions Part 2

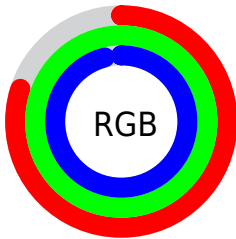
| Format | Color |
|-------------------------------------|--|
| R_{YB} | 203, 232, 255 |
| Decimal | 13369332 |
| CIE _{Lab} | 96.31, -18.54, -0.16 |
| CIE _{LCh} | 96, 18.541, 180.507 |
| Yxy | 90.7482, 0.2878, 0.3405 |
| Android (android.graphics.Color) | 4291559412 (0xFFC _B FF _F 4) |
| YUV | 238.1980, 2.8604, -30.8686 |
| Hunter-Lab | 95.2618, -22.9559, 5.0290 |

Details

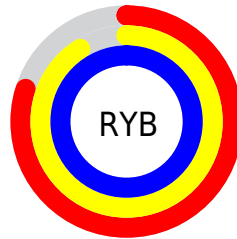
The XYZ color **76.7177, 90.7482, 99.0606** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7341, 68.8280, 72.9648**, and the grayscale version is **81.4148, 85.6547, 93.2780**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4839, 50.3149, 55.1023** is the 20% darker color. If you saturate the color by 10%, you get **69.5282, 87.1351, 94.5124**, and if you desaturate by 10%, it is **85.0751, 94.9605, 103.7915**.

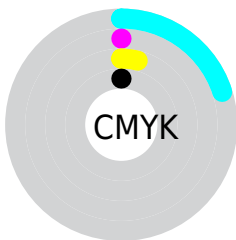
Distribution



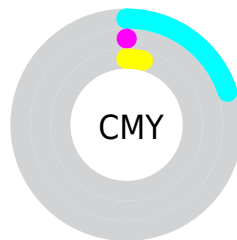
- Red (80%)
- Green (100%)
- Blue (96%)



- Red (80%)
- Yellow (91%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7177, 90.7482, 99.0606 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 76.7177, 90.7482, 99.0606 by changing the saturation by 10% instead.

76.7177, 90.7482,
99.0606

76.7177, 90.7482,
99.0606

472.7077,
530.4617, 578.3976

57.3203, 68.6014,
74.9037

127.7159,
148.3772, 161.9062

41.5036, 50.3871,
55.0328

160.0474,
184.6282, 201.4321

28.9022, 35.7211,
39.0292

197.4210,
226.3494, 246.9180

19.1508, 24.2189,
26.4744

240.2020,
273.9252, 298.7825

11.8839, 15.4961,
16.9500

288.7558,
327.7399, 357.4442

6.7363, 9.1683,
10.0372

343.4478,

3.3426, 4.8511,

388.1779, 423.3216

5.3177

404.6433,
455.6237, 496.8332

■ 1.3374, 2.1602,
2.3729

■ 0.2110, 0.6981,
0.7716

■ 76.7177, 90.7482,
99.0606

■ 76.7177, 90.7482,
99.0606

■ 69.5282, 87.1351,
94.5124

■ 85.0751, 94.9605,
103.7915

■ 63.4480, 84.0911,
90.1387

94.6499, 99.7977,
108.7040

■ 58.4172, 81.5854,
85.9372

95.0500, 100.0000,
108.9000

■ 54.3693, 79.5837,
81.9036

■ 51.2299, 78.0477,
78.0333

■ 48.9138, 76.9335,
74.3213

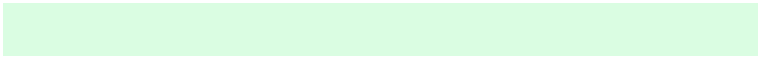
■ 47.3193, 76.1886,
70.7616

■ 46.3102, 75.7401,
67.4763

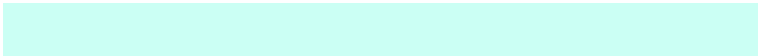
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9113, 90.7482, 85.4837



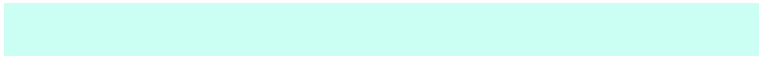
76.7177, 90.7482, 99.0606



77.9932, 90.7482, 113.9299

Triad

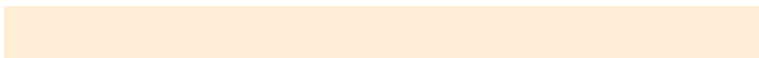
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7177, 90.7482, 99.0606



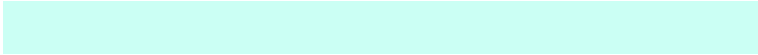
91.3830, 90.7482, 125.3370



91.2254, 90.7482, 76.1055

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



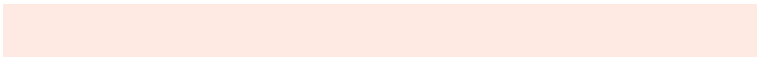
76.7177, 90.7482, 99.0606



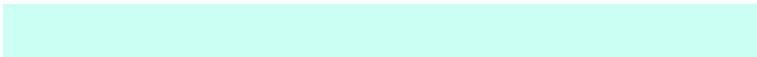
74.7341, 68.8280, 72.9648

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.0772, 90.7482, 85.0896



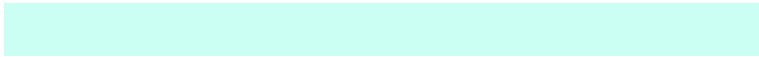
76.7177, 90.7482, 99.0606



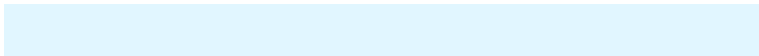
95.1708, 90.7482, 113.4525

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



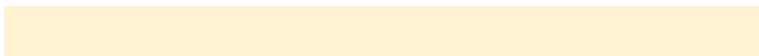
76.7177, 90.7482, 99.0606



86.3411, 90.7482, 129.9966



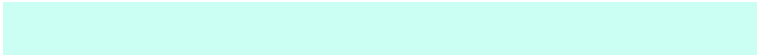
96.5483, 90.7482, 98.5586



86.1658, 90.7482, 73.0574

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



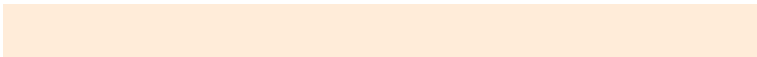
76.7177, 90.7482, 99.0606



80.1026, 90.7482, 122.3716



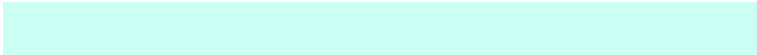
96.5483, 90.7482, 98.5586



92.7114, 90.7482, 78.4842

Sweetspot

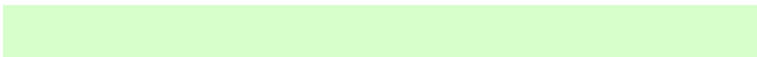
The Sweet Spot groups the original color and five complimentary colors.



76.7186, 90.7486, 99.0621



89.1267, 97.0061, 105.9259



74.3497, 90.1685, 69.9869



18.9446, 20.6965, 22.6041



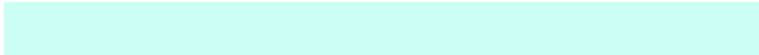
0.0000, 0.0000, 0.0000



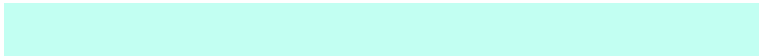
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7186, 90.7486, 99.0621



73.9922, 89.3770, 97.3997



73.9180, 82.3945, 106.6156



18.3806, 20.4118, 22.3073



24.2549, 39.5985, 35.5572



2.4008, 3.8713, 3.6685

Inverse Universe

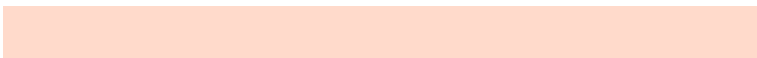
The Inverse Universe completely reimagines the original color for something new.



74.7341, 68.8280, 72.9648



71.7186, 64.2471, 67.4889



77.0225, 75.5773, 67.0296



18.1665, 18.0499, 19.4942



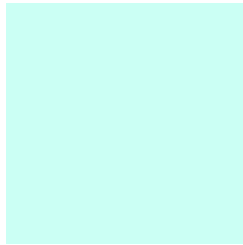
21.9395, 11.2651, 3.0661



2.1739, 1.1119, 0.4974

Previews

White Background



This preview shows how the XYZ color 76.7177, 90.7482, 99.0606 looks on a white background.

Color Contrast Check

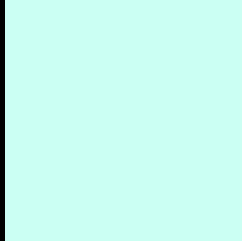
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 76.7177, 90.7482, 99.0606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

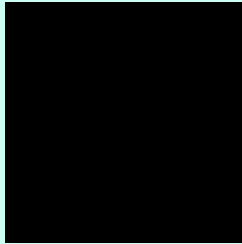
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

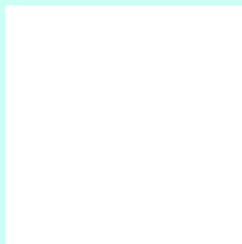
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.7177, 90.7482, 99.0606

Background



This preview shows how black text looks on a background with the XYZ color 76.7177, 90.7482, 99.0606.



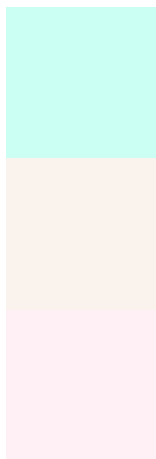
This preview shows how white text looks on a background with the XYZ color 76.7177, 90.7482,

99.0606.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

76.7177, 90.7482, 99.0606

Protanopia

86.7610, 90.5396, 93.0239

Deuteranopia

89.0346, 90.2340, 99.9131



Tritanopia

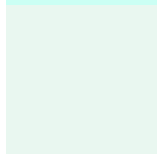
83.9439, 90.5645, 107.6641

Trichromacy



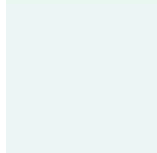
Original Color

76.7177, 90.7482, 99.0606



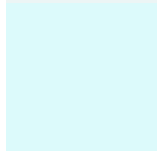
Protanomaly

82.5932, 90.1364, 95.4830



Deuteranomaly

83.7259, 89.7303, 99.2930



Tritanomaly

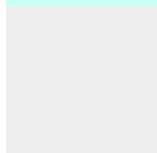
81.1134, 90.5519, 104.4699

Monochromacy



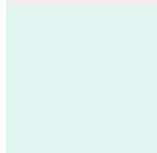
Original Color

76.7177, 90.7482, 99.0606



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.1302, 87.0002, 95.0602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7177, 90.7482, 99.0606 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 244) }
```

Border

The CSS property to change the border of an element to XYZ 76.7177, 90.7482, 99.0606 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 255, 244) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 255, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(203, 255,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7177, 90.7482, 99.0606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
255, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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