

Converting Colors

XYZ(81.1547, 100.0000,
107.2379)

Have a look what the booklet for
XYZ(81.1547, 100.0000, 107.2379)
contains.

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Color

**XYZ(76.3566, 90.4186,
105.5236)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FFFC
RGB	197, 255, 252
RGB Percent	77%, 100%, 99%
CMY	0.2274, 0.0000, 0.0118
CMYK	0.23, 0.00, 0.01, 0.00
HSL	177°, 100%, 89%
HSV	177°, 23%, 100%
XYZ	76.3566, 90.4186, 105.5236
YIQ	237.3160, -33.6050, -13.2290

Conversions

Conversions Part 2

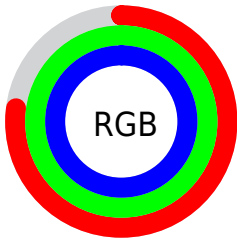
Format	Color
RYB	197, 227, 255
Decimal	12976124
CIELab	96.17, -18.68, -4.52
CIELCh	96, 19.225, 193.613
Yxy	90.4186, 0.2804, 0.3321
Android (android.graphics.Color)	4291166204 (0xFFC5FFFC)
YUV	237.3160, 7.2392, -35.3571
Hunter-Lab	95.0887, -23.0690, 0.7657

Details

The XYZ color **76.3566, 90.4186, 105.5236** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.6322, 65.3638, 63.4851**, and the grayscale version is **80.7040, 84.9069, 92.4636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1997, 50.0791, 59.1245** is the 20% darker color. If you saturate the color by 10%, you get **70.0270, 87.1796, 104.1420**, and if you desaturate by 10%, it is **83.8190, 94.2413, 106.9687**.

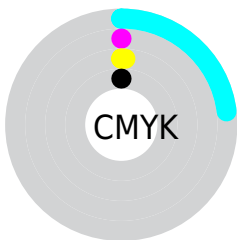
Distribution



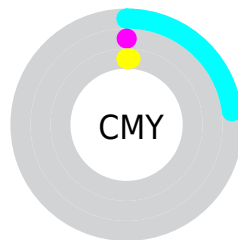
- Red (77%)
- Green (100%)
- Blue (99%)



- Red (77%)
- Yellow (89%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)




- Cyan (23%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3566, 90.4186, 105.5236 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 76.3566, 90.4186, 105.5236 by changing the saturation by 10% instead.


 76.3566, 90.4186,
105.5236

 76.3566, 90.4186,
105.5236


471.4932,
529.3916, 599.1577

 57.0230, 68.3279,
80.2790

127.2085,
147.9197, 170.8452

 41.2640, 50.1645,
59.4204


159.4576,
184.0989, 211.7593

 28.7140, 35.5441,
42.5294


196.7426,
225.7430, 258.7336

 19.0077, 24.0823,
29.1874

239.4288,
273.2365, 312.1867

 11.7799, 15.3947,
18.9758

287.8816,
326.9637, 372.5371

 6.6651, 9.0969,
11.4762

342.4664,

 3.2980, 4.8044,

387.3090, 440.2034

6.2699

403.5484,
454.6568, 515.6041

■ 1.3133, 2.1330,
2.9385

■ 0.1931, 0.6831,
1.0633

■ 76.3566, 90.4186,
105.5236

■ 76.3566, 90.4186,
105.5236

■ 70.0270, 87.1796,
104.1420

■ 83.8190, 94.2413,
106.9687

■ 64.7705, 84.4936,
102.8167

■ 92.4641, 98.6736,
108.4753

■ 60.5262, 82.3293,
101.5464

■ 95.0500, 100.0000,
108.9000

■ 57.2263, 80.6517,
100.3277

■ 54.7943, 79.4214,
99.1572

■ 53.1420, 78.5928,
98.0306

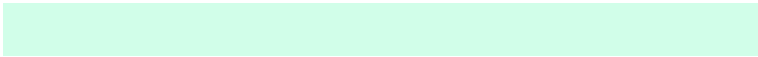
■ 52.1625, 78.1109,
96.9430

■ 51.7596, 77.9199,
96.1729

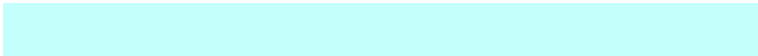
Harmonies

Analogous

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



76.4754, 90.4186, 90.3974



76.3566, 90.4186, 105.5236



78.7294, 90.4186, 120.1229

Triad

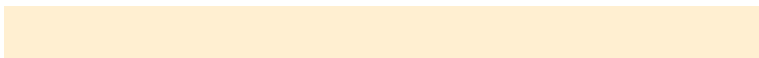
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3566, 90.4186, 105.5236



93.2073, 90.4186, 121.2742



88.8650, 90.4186, 72.8841

Complementary

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



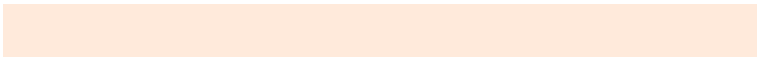
76.3566, 90.4186, 105.5236



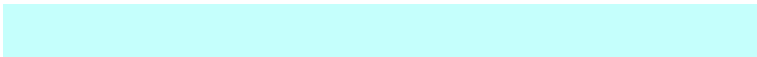
71.6322, 65.3638, 63.4851

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.



93.5783, 90.4186, 79.5554



76.3566, 90.4186, 105.5236



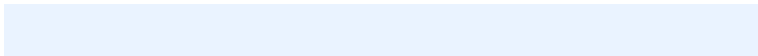
96.1553, 90.4186, 106.9682

Square

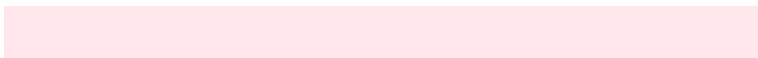
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3566, 90.4186, 105.5236



88.3757, 90.4186, 129.8314



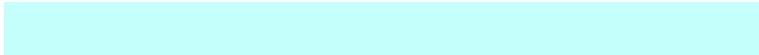
96.2938, 90.4186, 91.7007



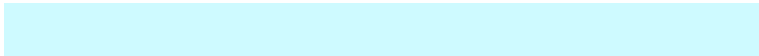
83.5498, 90.4186, 72.5834

Rectangle

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



76.3566, 90.4186, 105.5236



81.4640, 90.4186, 127.1631



96.2938, 90.4186, 91.7007



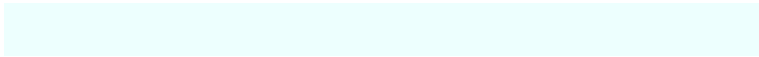
90.5773, 90.4186, 74.4221

Sweetspot

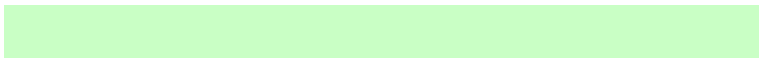
The Sweet Spot groups the original color and five complimentary colors.



76.3576, 90.4191, 105.5251



88.6369, 96.7111, 107.8262



69.8905, 87.9507, 66.1174



18.8596, 20.6425, 23.0598



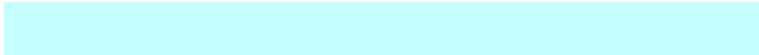
0.0000, 0.0000, 0.0000



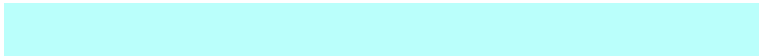
20.3446, 21.4041, 23.3091

Same Dimension

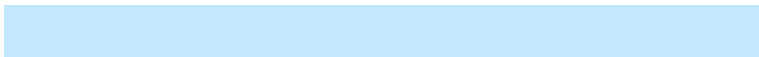
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3576, 90.4191, 105.5251



73.5283, 88.9708, 104.9292



69.3367, 75.6107, 105.5476



18.5119, 20.4643, 22.9987



27.0632, 40.7219, 50.3455



2.6470, 3.9697, 4.9649

Inverse Universe

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



71.6322, 65.3638, 63.4851



68.0930, 60.1461, 56.5692



77.4754, 77.6055, 63.7208



18.0474, 18.0023, 18.8669



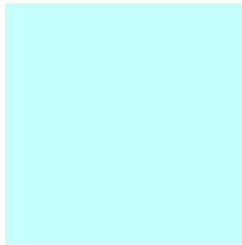
21.6030, 11.1305, 1.2937



2.1162, 1.0888, 0.1933

Previews

White Background



This preview shows how the XYZ color 76.3566, 90.4186, 105.5236 looks on a white background.

Color Contrast Check

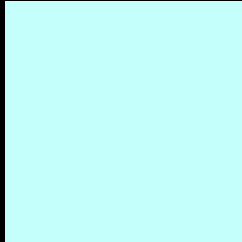
Large Text (above 18pt) WCAG AA × Fail

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 76.3566, 90.4186, 105.5236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

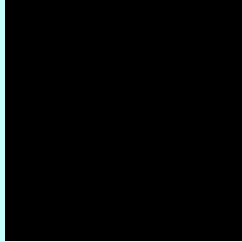
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

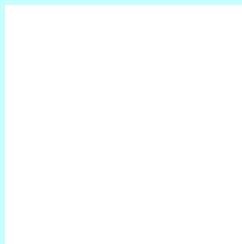
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3566, 90.4186, 105.5236

Background



This preview shows how black text looks on a background with the XYZ color 76.3566, 90.4186, 105.5236.

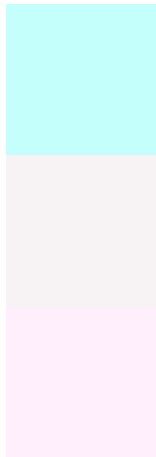


This preview shows how white text looks on a background with the XYZ color 76.3566, 90.4186,

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

76.3566, 90.4186, 105.5236

Protanopia

86.4390, 89.8101, 98.3672

Deuteranopia

89.6772, 90.0213, 104.7448



Tritanopia

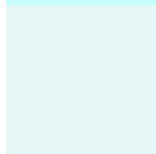
83.3057, 90.2355, 107.6343

Trichromacy



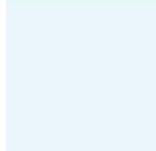
Original Color

76.3566, 90.4186, 105.5236



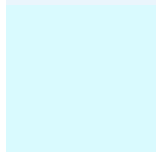
Protanomaly

82.3624, 89.8949, 101.0062



Deuteranomaly

84.1548, 89.8255, 104.9981



Tritanomaly

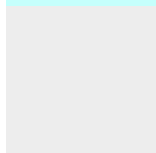
80.6903, 90.2787, 106.9386

Monochromacy



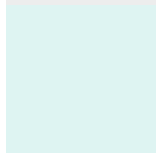
Original Color

76.3566, 90.4186, 105.5236



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.5019, 86.6418, 96.5904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3566, 90.4186, 105.5236 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(197, 255, 252)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 252)  
}
```

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(197, 255, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 252) }
```

Border

The CSS property to change the border of an element to XYZ 76.3566, 90.4186, 105.5236 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(197, 255, 252) }
```


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

```
.border{ border-color:rgb(197, 255, 252) }
```

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

Here you see how a box with a 4 pixel rgb(197, 255, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 252);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3566, 90.4186, 105.5236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 252) }
```

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

```
.background{ background-color: rgb(197,  
255, 252) }
```

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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