

Converting Colors

XYZ(76.4023, 90.3727, 94.2664)

Have a look what the booklet for
XYZ(76.4023, 90.3727, 94.2664)
contains.

XYZ(76.3280, 90.1785, 94.2722)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.3280, 90.1785,
94.2722)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFEFE
RGB	206, 254, 238
RGB Percent	81%, 100%, 93%
CMY	0.1921, 0.0039, 0.0667
CMYK	0.19, 0.00, 0.06, 0.00
HSL	160°, 96%, 90%
HSV	160°, 19%, 100%
XYZ	76.3280, 90.1785, 94.2722
YIQ	237.8240, -23.4720, -15.1520

Conversions

Conversions Part 2

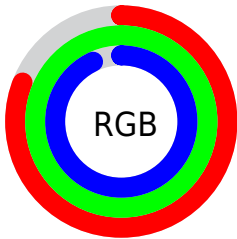
Format	Color
R _Y B	206, 235, 254
Decimal	13565678
CIE Lab	96.07, -18.31, 2.60
CIE LCh	96, 18.499, 171.907
Yxy	90.1785, 0.2927, 0.3458
Android (android.graphics.Color)	4291755758 (0xFFCFEEEE)
YUV	237.8240, 0.0868, -27.9096
Hunter-Lab	94.9624, -22.7110, 7.6146

Details

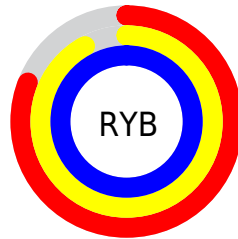
The XYZ color **76.3280, 90.1785, 94.2722** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1323, 70.4896, 78.7043**, and the grayscale version is **81.1463, 85.3723, 92.9704**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1722, 49.8892, 51.7155** is the 20% darker color. If you saturate the color by 10%, you get **68.6238, 86.3497, 87.5704**, and if you desaturate by 10%, it is **85.2354, 94.6257, 101.3396**.

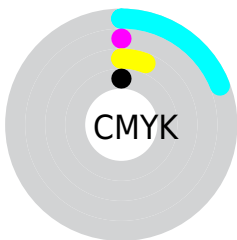
Distribution



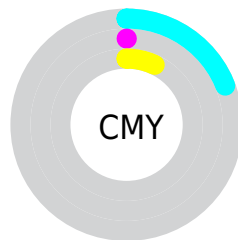
- Red (81%)
- Green (100%)
- Blue (93%)



- Red (81%)
- Yellow (92%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3280, 90.1785, 94.2722 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 76.3280, 90.1785, 94.2722 by changing the saturation by 10% instead.


 76.3280, 90.1785,
94.2722

 76.3280, 90.1785,
94.2722


471.3969,
528.6113, 562.7571

 56.9995, 68.1287,
70.9358


127.1683,
147.5863, 155.2457

 41.2450, 50.0024,
51.8083

159.4109,
183.7131, 193.7198

 28.6991, 35.4153,
36.4711


196.6888,
225.3010, 238.0770

 18.9964, 23.9830,
24.5057

239.3675,
272.7345, 288.7357

 11.7717, 15.3210,
15.4935

287.8123,
326.3978, 346.1146

 6.6595, 9.0450,
9.0160

342.3886,

 3.2945, 4.7705,

386.6755, 410.6321

4.6547

403.4617,
453.9519, 482.7067

■ 1.3114, 2.1133,
1.9909

■ 0.1917, 0.6721,
0.5497

■ 76.3280, 90.1785,
94.2722

■ 76.3280, 90.1785,
94.2722

■ 68.6238, 86.3497,
87.5704

■ 85.2354, 94.6257,
101.3396

■ 62.0596, 83.0994,
81.2214

94.7235, 99.3630,
108.7420

■ 56.5780, 80.4007,
75.2202

94.7335, 99.3670,
108.7945

■ 52.1136, 78.2199,
69.5595

■ 48.5932, 76.5194,
64.2313

■ 45.9337, 75.2564,
59.2273

■ 44.0367, 74.3802,
54.5381

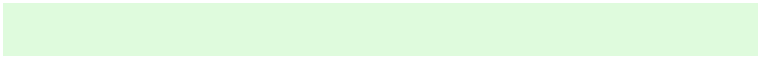
■ 42.7586, 73.8171,
50.1524

■ 42.6354, 73.7638,
49.6867

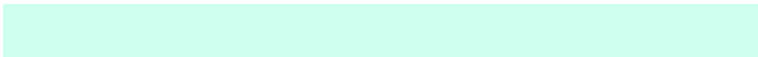
Harmonies

Analogous

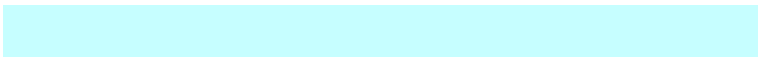
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1935, 90.1785, 81.7981



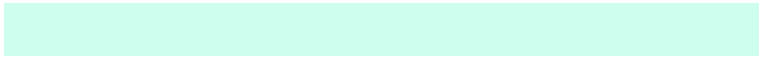
76.3280, 90.1785, 94.2722



76.8968, 90.1785, 109.0912

Triad

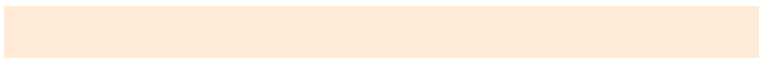
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3280, 90.1785, 94.2722



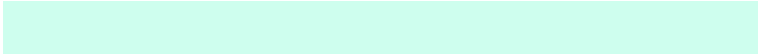
89.4386, 90.1785, 126.7465



91.9316, 90.1785, 77.6248

Complementary

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



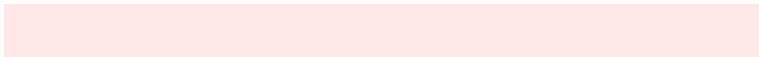
76.3280, 90.1785, 94.2722



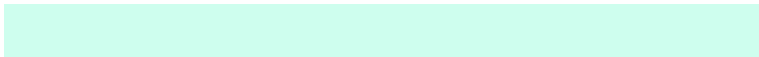
76.1323, 70.4896, 78.7043

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.



95.1763, 90.1785, 88.0386



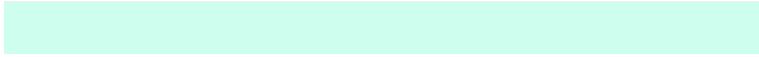
76.3280, 90.1785, 94.2722



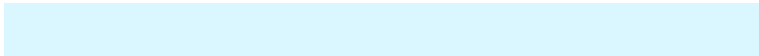
93.6975, 90.1785, 116.6352

Square

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



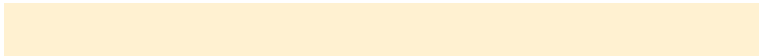
76.3280, 90.1785, 94.2722



84.3332, 90.1785, 128.8392



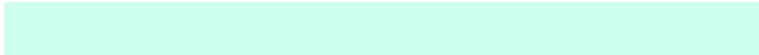
95.8351, 90.1785, 102.2129



87.1057, 90.1785, 72.8317

Rectangle

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



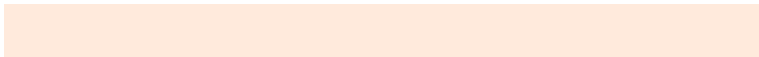
76.3280, 90.1785, 94.2722



78.5904, 90.1785, 118.2553



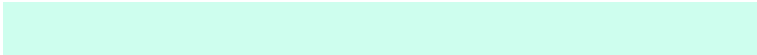
95.8351, 90.1785, 102.2129



93.2512, 90.1785, 80.5317

Sweetspot

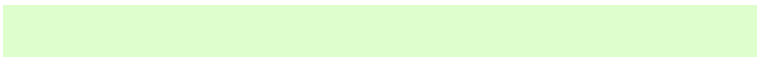
The Sweet Spot groups the original color and five complimentary colors.



76.3305, 90.1823, 94.2742



88.8329, 96.8886, 104.3790



76.9551, 91.0001, 71.9026



18.8750, 20.6687, 22.2378



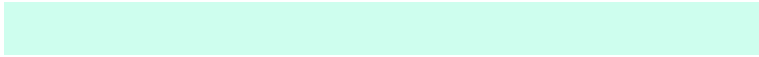
0.0000, 0.0000, 0.0000



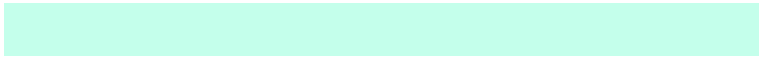
20.3446, 21.4041, 23.3091

Same Dimension

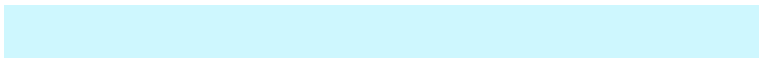
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.3305, 90.1823, 94.2742



73.6762, 89.3268, 92.2950



76.5455, 86.6804, 106.4670



18.2823, 20.3724, 21.7895



22.5482, 38.9159, 26.5698



2.2462, 3.8094, 2.8543

Inverse Universe

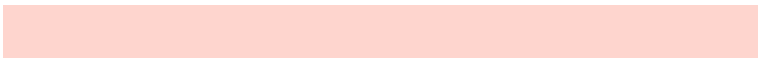
The Inverse Universe completely reimagines the original color for something new.



76.1323, 70.4896, 78.7043



73.4411, 65.8508, 73.7396



75.8610, 73.2186, 68.5281



18.2591, 18.0870, 19.9817



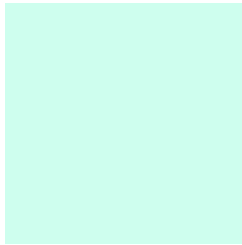
22.4674, 11.4762, 5.8456



2.2358, 1.1367, 0.8234

Previews

White Background



This preview shows how the XYZ color 76.3280, 90.1785, 94.2722 looks on a white background.

Color Contrast Check

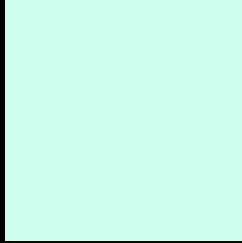
Large Text (above 18pt) WCAG AA × Fail

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 76.3280, 90.1785, 94.2722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

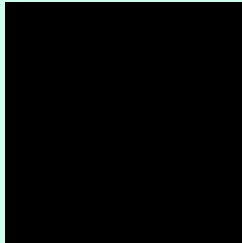
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

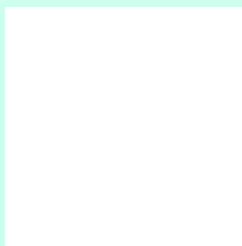
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3280, 90.1785, 94.2722

Background



This preview shows how black text looks on a background with the XYZ color 76.3280, 90.1785, 94.2722.



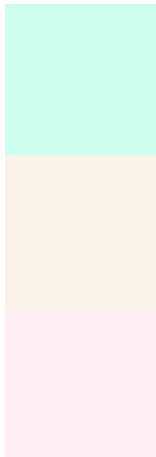
This preview shows how white text looks on a background with the XYZ color 76.3280, 90.1785,

94.2722.

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

76.3280, 90.1785, 94.2722

Protanopia

85.6003, 89.5978, 88.3838

Deuteranopia

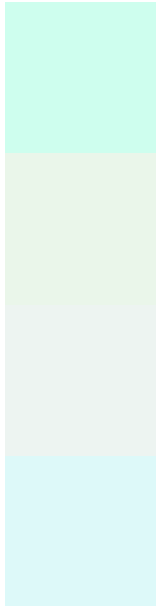
88.2842, 89.4641, 97.4092



Tritanopia

83.6389, 89.9545, 107.5625

Trichromacy



Original Color

76.3280, 90.1785, 94.2722

Protanomaly

81.7387, 89.3445, 90.7790

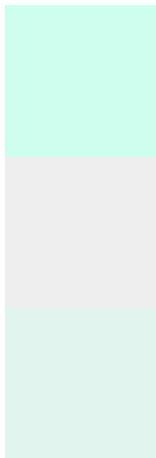
Deuteranomaly

83.1529, 89.0568, 96.0261

Tritanomaly

80.7934, 89.9631, 102.7289

Monochromacy



Original Color

76.3280, 90.1785, 94.2722

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

79.1473, 87.0432, 93.5184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3280, 90.1785, 94.2722 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(206, 254, 238)` looks like.

```
.text, #text, p{  
    color:rgb(206, 254, 238)  
}
```

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(206, 254, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 254, 238) }
```

Border

The CSS property to change the border of an element to XYZ 76.3280, 90.1785, 94.2722 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(206, 254, 238) }
```


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

```
.border{ border-color:rgb(206, 254, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 254, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 254, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 254, 238);  
box-shadow:4px 4px 4px 4px rgb(206, 254,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3280, 90.1785, 94.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 254, 238) }
```

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

```
.background{ background-color: rgb(206,  
254, 238) }
```

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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