

Converting Colors

XYZ(58.1736, 75.1281,
103.6774)

Have a look what the booklet for
XYZ(58.1736, 75.1281, 103.6774)
contains.

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Color

**XYZ(58.0752, 75.0446,
103.5196)**

Conversions

Conversions Part 1

Format	Color
Hex	7FF2FC
RGB	127, 242, 252
RGB Percent	50%, 95%, 99%
CMY	0.5019, 0.0510, 0.0118
CMYK	0.50, 0.04, 0.00, 0.01
HSL	185°, 95%, 74%
HSV	185°, 50%, 99%
XYZ	58.0752, 75.0446, 103.5196
YIQ	208.7550, -71.7500, -21.2700

Conversions

Conversions Part 2

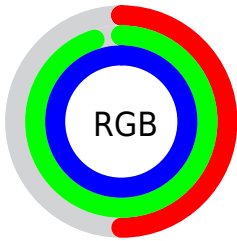
Format	Color
RYB	127, 187, 252
Decimal	8385276
CIELab	89.41, -30.09, -14.91
CIELCh	89, 33.581, 206.364
Yxy	75.0446, 0.2454, 0.3171
Android (android.graphics.Color)	4286575356 (0xFF7FF2FC)
YUV	208.7550, 21.3198, -71.6991
Hunter-Lab	86.6283, -31.9339, -10.2109

Details

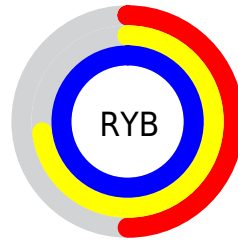
The XYZ color **58.0752, 75.0446, 103.5196** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.9227, 40.1204, 25.0352**, and the grayscale version is **60.3458, 63.4885, 69.1389**.

A 20% lighter version of the original color is **74.3035, 89.3048, 107.9291**, and **29.4591, 40.1147, 57.8200** is the 20% darker color. If you saturate the color by 10%, you get **54.1851, 72.1552, 103.1683**, and if you desaturate by 10%, it is **62.9149, 78.4368, 103.9206**.

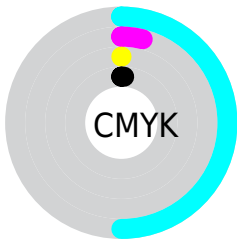
Distribution



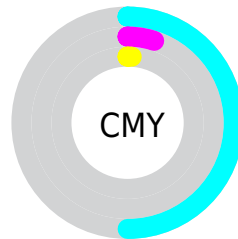
- Red (50%)
- Green (95%)
- Blue (99%)



- Red (50%)
- Yellow (73%)
- Blue (99%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (50%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0752, 75.0446, 103.5196 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 58.0752, 75.0446, 103.5196 by changing the saturation by 10% instead.

58.0752, 75.0446,
103.5196

58.0752, 75.0446,
103.5196

407.4154,
478.0709, 592.7616

42.1126, 55.6494,
78.6099

101.1547,
126.3755, 168.0795

29.3810, 39.9219,
58.0557

129.0023,
159.0800, 208.5668

19.5149, 27.4777,
41.4385

161.5423,
196.9898, 255.0837

12.1492, 17.9323,
28.3396

199.1400,
240.4891, 308.0488

6.9183, 10.9014,
18.3405

242.1609,
289.9625, 367.8806

3.4569, 6.0006,
11.0228

290.9701,

1.3997, 2.8454,

345.7944, 434.9976

5.9678

345.9332,
408.3690, 509.8185

■ 0.2560, 1.0516,
2.7570

■ 0.0000, 0.0000,
0.9720

■ 58.0752, 75.0446,
103.5196

■ 58.0752, 75.0446,
103.5196

■ 54.1851, 72.1552,
103.1683

■ 62.9149, 78.4368,
103.9206

■ 51.1664, 69.7231,
102.8579

■ 68.7615, 82.3562,
104.3690

■ 48.9398, 67.7091,
102.5865

■ 75.6754, 86.8357,
104.8692

■ 47.4084, 66.0631,
102.3495

■ 83.7106, 91.9031,
105.4238

■ 46.4193, 64.7065,
102.1398

■ 92.9174, 97.5845,
106.0352

■ 46.3842, 64.6548,
102.1317

■ 94.2837, 99.2339,
106.2815

■ 94.5709, 99.8084,
106.3773

Harmonies

Analogous

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



56.6800, 75.0446, 78.8720



58.0752, 75.0446, 103.5196



62.9212, 75.0446, 125.5190

Triad

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



58.0752, 75.0446, 103.5196



85.3216, 75.0446, 109.4545



72.3353, 75.0446, 44.3318

Complementary

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



58.0752, 75.0446, 103.5196



52.9227, 40.1204, 25.0352

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.



80.4513, 75.0446, 49.5047



58.0752, 75.0446, 103.5196



88.3036, 75.0446, 84.6170

Square

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



58.0752, 75.0446, 103.5196



78.5837, 75.0446, 129.3820



86.4568, 75.0446, 63.2027



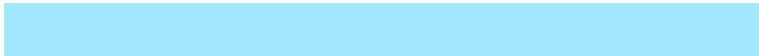
64.5326, 75.0446, 47.4764

Rectangle

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



58.0752, 75.0446, 103.5196



67.6638, 75.0446, 134.1037



86.4568, 75.0446, 63.2027



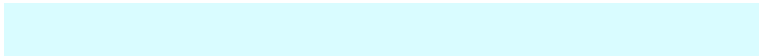
75.1214, 75.0446, 45.1251

Sweetspot

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



58.0775, 75.0475, 103.5214



81.3828, 91.5170, 107.9830



47.9612, 75.8931, 35.1679



17.0544, 19.3575, 23.0875



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

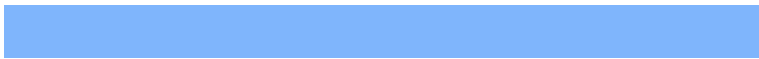
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.0775, 75.0475, 103.5214



55.5091, 74.0040, 105.9663



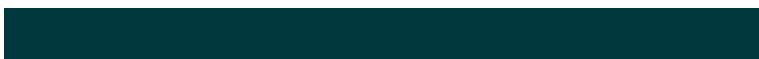
42.8827, 44.6579, 98.4564



17.6401, 19.3570, 22.1918



24.2130, 33.7817, 53.2179



2.2767, 3.1971, 4.9403

Inverse Universe

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



63.7632, 42.2870, 88.8091



62.1332, 37.2195, 88.5155



64.1333, 62.5417, 28.7721



17.9296, 17.4992, 21.4851



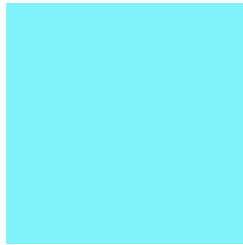
28.5137, 13.8212, 41.0089



2.6581, 1.2870, 3.8889

Previews

White Background



This preview shows how the XYZ color 58.0752, 75.0446, 103.5196 looks on a white background.

Color Contrast Check

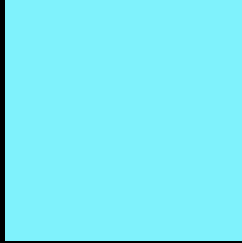
Large Text (above 18pt) WCAG AA × Fail

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 58.0752, 75.0446, 103.5196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

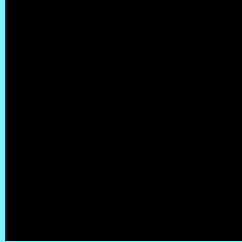
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0752, 75.0446, 103.5196

Background



This preview shows how black text looks on a background with the XYZ color 58.0752, 75.0446, 103.5196.

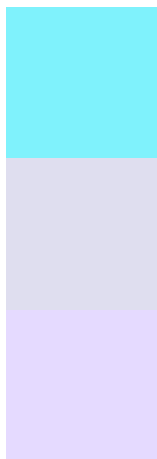


This preview shows how white text looks on a background with the XYZ color 58.0752, 75.0446,

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

58.0752, 75.0446, 103.5196

Protanopia

72.1327, 74.1625, 92.1744

Deuteranopia

75.4345, 74.0208, 104.9194



Tritanopia

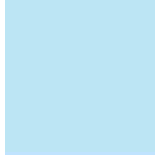
61.0190, 74.7586, 105.8216

Trichromacy



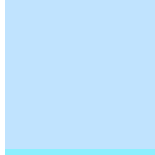
Original Color

58.0752, 75.0446, 103.5196



Protanomaly

65.0875, 73.2616, 96.2984



Deuteranomaly

67.0967, 73.3004, 104.3779



Tritanomaly

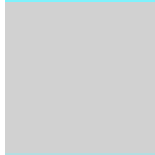
59.7404, 74.5515, 105.0072

Monochromacy



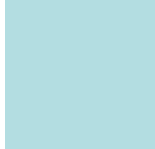
Original Color

58.0752, 75.0446, 103.5196



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.0375, 66.7329, 81.0560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0752, 75.0446, 103.5196 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(127, 242, 252)` looks like.

```
.text, #text, p{  
    color:rgb(127, 242, 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(127, 242, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 242, 252) }
```

Border

The CSS property to change the border of an element to XYZ 58.0752, 75.0446, 103.5196 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(127, 242, 252) }
```


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

```
.border{ border-color:rgb(127, 242, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 242, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 242, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 242, 252);  
box-shadow:4px 4px 4px 4px rgb(127, 242,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0752, 75.0446, 103.5196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 242, 252) }
```

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

```
.background{ background-color: rgb(127,  
242, 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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