

Converting Colors

XYZ(38.5404, 50.8447, 72.7485)

Have a look what the booklet for
XYZ(38.5404, 50.8447, 72.7485)
contains.

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Color

**XYZ(38.5404, 50.8447,
72.7485)**

Conversions

Conversions Part 1

Format	Color
Hex	5BCDD8
RGB	91, 205, 216
RGB Percent	36%, 80%, 85%
CMY	0.6431, 0.1961, 0.1529
CMYK	0.58, 0.05, 0.00, 0.15
HSL	185°, 62%, 60%
HSV	185°, 58%, 85%
XYZ	38.5404, 50.8447, 72.7485
YIQ	172.1680, -71.4750, -20.7470

Conversions

Conversions Part 2

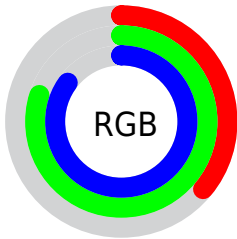
Format	Color
RYB	91, 151, 216
Decimal	6016472
CIELab	76.58, -28.99, -15.22
CIELCh	77, 32.742, 207.691
Yxy	50.8447, 0.2377, 0.3136
Android (android.graphics.Color)	4284206552 (0xFF5BCDD8)
YUV	172.1680, 21.6092, -71.1843
Hunter-Lab	71.3055, -28.3058, -10.5760

Details

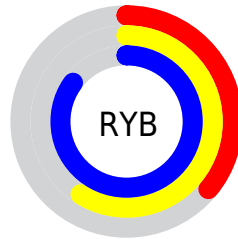
The XYZ color **38.5404, 50.8447, 72.7485** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **34.9597, 24.8582, 12.8545**, and the grayscale version is **39.2192, 41.2617, 44.9340**.

A 20% lighter version of the original color is **66.7589, 85.4154, 107.5760**, and **17.3394, 24.3859, 37.5113** is the 20% darker color. If you saturate the color by 10%, you get **36.2582, 48.9985, 72.5133**, and if you desaturate by 10%, it is **41.4439, 53.0217, 73.0166**.

Distribution



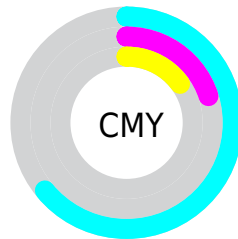
- Red (36%)
- Green (80%)
- Blue (85%)



- Red (36%)
- Yellow (59%)
- Blue (85%)



- Cyan (58%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5404, 50.8447, 72.7485 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 38.5404, 50.8447, 72.7485 by changing the saturation by 10% instead.

38.5404, 50.8447,
72.7485

38.5404, 50.8447,
72.7485

331.1734,
389.9601, 489.1901

26.5815, 36.0850,
53.2798

72.2343, 91.4252,
124.8377

17.3941, 24.4999,
37.6369

94.6999, 118.0148,
158.2953

10.6129, 15.7048,
25.4014

121.3985,
149.3164, 197.2529

5.8726, 9.3155,
16.1546

152.6954,
185.7146, 242.1290

2.8077, 4.9476,
9.4781

188.9560,
227.5937, 293.3423

1.0529, 2.2165,
4.9533

230.5457,

0.0000, 0.7290,

275.3380, 351.3112

2.1616

277.8297,
329.3320, 416.4543

■ 0.0000, 0.0000,
0.6521

■ 0.0000, 0.0000,
0.0000

■ 38.5404, 50.8447,
72.7485

■ 38.5404, 50.8447,
72.7485

■ 36.2582, 48.9985,
72.5133

■ 41.4439, 53.0217,
73.0166

■ 34.5385, 47.4492,
72.3050

■ 45.0118, 55.5483,
73.3162

■ 33.3190, 46.1661,
72.1216

■ 49.2888, 58.4487,
73.6506

■ 32.5099, 45.1025,
71.9589

■ 54.3143, 61.7432,
74.0217

■ 32.3601, 44.8885,
71.9255

■ 60.1247, 65.4507,
74.4310

■ 66.7543, 69.5889,
74.8804

■ 74.2351, 74.1742,
75.3711

■ 79.2826, 77.5135,
75.7497

■ 79.7849, 78.5181,
75.9171

Harmonies

Analogous

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



37.3888, 50.8447, 53.9998



38.5404, 50.8447, 72.7485



42.2433, 50.8447, 89.4328

Triad

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



38.5404, 50.8447, 72.7485



59.0929, 50.8447, 75.6385



48.8073, 50.8447, 27.8222

Complementary

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



38.5404, 50.8447, 72.7485



34.9597, 24.8582, 12.8545

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.



54.9670, 50.8447, 31.2722



38.5404, 50.8447, 72.7485



61.2126, 50.8447, 56.7454

Square

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



38.5404, 50.8447, 72.7485



54.0673, 50.8447, 91.3361



59.6427, 50.8447, 40.9918



43.0069, 50.8447, 30.3435

Rectangle

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



38.5404, 50.8447, 72.7485



45.8346, 50.8447, 95.7597



59.6427, 50.8447, 40.9918



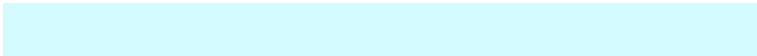
50.9069, 50.8447, 28.3025

Sweetspot

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



38.5420, 50.8466, 72.7497



79.6558, 90.2755, 107.8344



31.2410, 52.2848, 20.8662



16.7090, 19.1024, 23.0564



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.



38.5420, 50.8466, 72.7497



52.2971, 70.9214, 105.5406



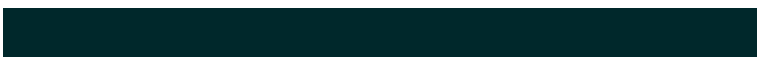
26.5455, 26.8536, 68.7509



12.6944, 13.9122, 15.9538



19.1942, 26.6502, 42.5855



1.1857, 1.6635, 2.5779

Inverse Universe

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



43.0808, 26.4903, 60.6022



59.6963, 33.1219, 85.3103



43.4691, 41.8769, 15.6909



12.9037, 12.6130, 15.4331



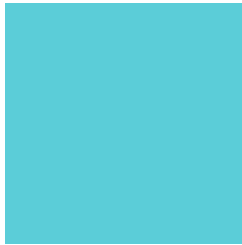
22.7472, 11.0352, 32.3025



1.3861, 0.6712, 2.0228

Previews

White Background



This preview shows how the XYZ color 38.5404, 50.8447, 72.7485 looks on a white background.

Color Contrast Check

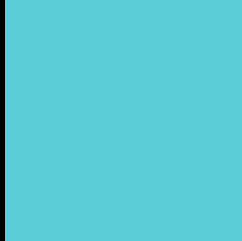
Large Text (above 18pt) WCAG AA × Fail

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 38.5404, 50.8447, 72.7485 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 38.5404, 50.8447, 72.7485

Background



This preview shows how black text looks on a background with the XYZ color 38.5404, 50.8447, 72.7485.



This preview shows how white text looks on a background with the XYZ color 38.5404, 50.8447,

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

38.5404, 50.8447, 72.7485

Protanopia

48.7077, 49.9165, 64.1944

Deuteranopia

51.2198, 50.0346, 75.3647



Tritanopia

39.1582, 50.7333, 76.1353

Trichromacy



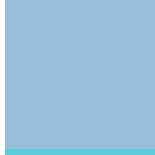
Original Color

38.5404, 50.8447, 72.7485



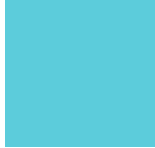
Protanomaly

43.2176, 49.2733, 66.9074



Deuteranomaly

44.7434, 49.2461, 74.1651



Tritanomaly

38.7927, 50.5755, 74.7353

Monochromacy



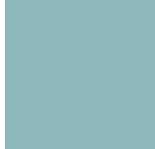
Original Color

38.5404, 50.8447, 72.7485



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

37.5453, 43.7515, 54.0430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5404, 50.8447, 72.7485 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(91, 205, 216)` looks like.

```
.text, #text, p{  
    color:rgb(91, 205, 216)  
}
```

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(91, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 205, 216) }
```

Border

The CSS property to change the border of an element to XYZ 38.5404, 50.8447, 72.7485 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(91, 205, 216) }
```


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

```
.border{ border-color:rgb(91, 205, 216) }
```

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

Here you see how a box with a 4 pixel rgb(91, 205, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(91, 205,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5404, 50.8447, 72.7485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 205, 216) }
```

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

```
.background{ background-color: rgb(91, 205,  
216) }
```

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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