

Converting Colors

XYZ(38.2422, 50.7963, 67.3663)

Have a look what the booklet for
XYZ(38.2422, 50.7963, 67.3663)
contains.

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Color

**XYZ(38.2535, 50.8134,
67.4663)**

Conversions

Conversions Part 1

Format	Color
Hex	62CDD0
RGB	98, 205, 208
RGB Percent	38%, 80%, 82%
CMY	0.6157, 0.1961, 0.1843
CMYK	0.53, 0.01, 0.00, 0.18
HSL	182°, 54%, 60%
HSV	182°, 53%, 82%
XYZ	38.2535, 50.8134, 67.4663
YIQ	173.3490, -64.7350, -21.7510

Conversions

Conversions Part 2

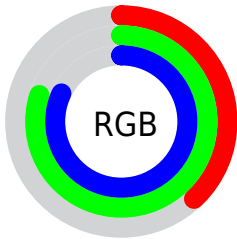
Format	Color
R_{YB}	98, 152, 208
Decimal	6475216
CIE _{Lab}	76.57, -29.83, -10.91
CIE _{LCh}	77, 31.763, 200.088
Yxy	50.8134, 0.2444, 0.3246
Android (android.graphics.Color)	4284665296 (0xFF62CDD0)
YUV	173.3490, 17.0829, -66.0811
Hunter-Lab	71.2835, -28.9561, -6.2166

Details

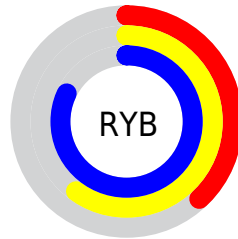
The XYZ color **38.2535, 50.8134, 67.4663** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.8717, 23.6000, 14.3793**, and the grayscale version is **39.8392, 41.9139, 45.6443**.

A 20% lighter version of the original color is **67.7146, 85.9081, 107.6207**, and **17.1911, 24.3788, 34.3714** is the 20% darker color. If you saturate the color by 10%, you get **36.1592, 49.5340, 67.3306**, and if you desaturate by 10%, it is **40.9344, 52.3983, 67.6318**.

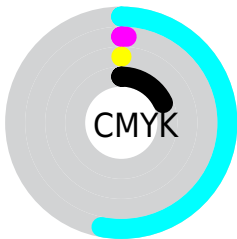
Distribution



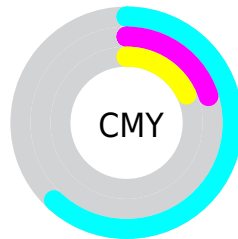
- Red (38%)
- Green (80%)
- Blue (82%)



- Red (38%)
- Yellow (60%)
- Blue (82%)



- Cyan (53%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2535, 50.8134, 67.4663 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 38.2535, 50.8134, 67.4663 by changing the saturation by 10% instead.

■ 38.2535, 50.8134,
67.4663

■ 38.2535, 50.8134,
67.4663

329.9683,
389.8384, 470.1494

■ 26.3576, 36.0601,
48.9997

■ 71.7979, 91.3789,
117.2353

■ 17.2254, 24.4806,
34.2536

■ 94.1771, 117.9599,
149.3748

■ 10.4917, 15.6905,
22.8096

■ 120.7815,
149.2523, 186.9090

■ 5.7909, 9.3054,
14.2490

■ 151.9764,
185.6404, 230.2564

■ 2.7578, 4.9409,
8.1533

188.1272,
227.5087, 279.8356

■ 1.0270, 2.2127,
4.1040

229.5992,

■ 0.0000, 0.7269,

275.2415, 336.0651

1.6826

276.7578,
329.2233, 399.3636

■ 0.0000, 0.0000,
0.3488

■ 0.0000, 0.0000,
0.0000

■ 38.2535, 50.8134,
67.4663

■ 38.2535, 50.8134,
67.4663

■ 36.1592, 49.5340,
67.3306

■ 40.9344, 52.3983,
67.6318

■ 34.6008, 48.5303,
67.2190


■ 44.2385, 54.3041,
67.8255


■ 33.5266, 47.7771,
67.1303


■ 48.2050, 56.5520,
68.0504


■ 32.8727, 47.2412,
67.0613


■ 52.8682, 59.1599,
68.3080


 32.5839, 46.9512,
67.0206

 58.2604, 62.1443,
68.5998

 64.4118, 65.5208,
68.9273

 71.3506, 69.3040,
69.2918

 75.5582, 71.6799,
69.5287

 75.6980, 71.9595,
69.5753

Harmonies

Analogous

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



37.8020, 50.8134, 49.8333



38.2535, 50.8134, 67.4663



41.2675, 50.8134, 84.7301

Triad

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



38.2535, 50.8134, 67.4663



57.6952, 50.8134, 79.3439



50.3095, 50.8134, 28.7490

Complementary

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



38.2535, 50.8134, 67.4663



32.8717, 23.6000, 14.3793

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.



56.0818, 50.8134, 33.6603



38.2535, 50.8134, 67.4663



60.5733, 50.8134, 61.2106

Square

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



38.2535, 50.8134, 67.4663



52.3676, 50.8134, 92.5119



59.9596, 50.8134, 44.7391



44.4423, 50.8134, 29.7403

Rectangle

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



38.2535, 50.8134, 67.4663



44.4737, 50.8134, 92.5607



59.9596, 50.8134, 44.7391



52.3325, 50.8134, 29.7174

Sweetspot

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



38.2550, 50.8153, 67.4675



81.2462, 92.3588, 108.1526



29.8862, 48.6264, 19.8263



17.0572, 19.5826, 23.1308



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.



38.2550, 50.8153, 67.4675



57.0811, 78.3763, 106.7274



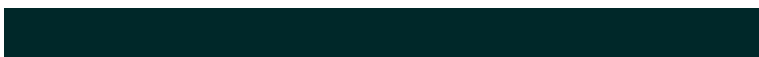
27.5169, 29.3391, 63.8881



12.1296, 13.3495, 15.1811



20.3200, 29.2866, 41.7744



1.1451, 1.6553, 2.3387

Inverse Universe

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



41.4008, 26.5544, 60.7032



62.6268, 36.2690, 94.6540



39.9118, 37.6804, 16.7260



12.2963, 12.0033, 14.8362



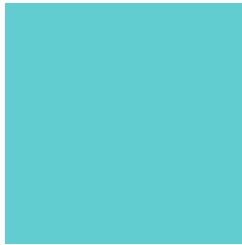
22.8873, 11.0278, 35.9084



1.2842, 0.6184, 2.0314

Previews

White Background



This preview shows how the XYZ color 38.2535, 50.8134, 67.4663 looks on a white background.

Color Contrast Check

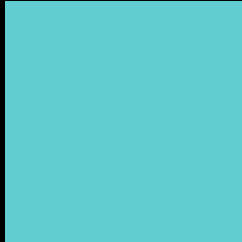
Large Text (above 18pt) WCAG AA × Fail

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 38.2535, 50.8134, 67.4663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

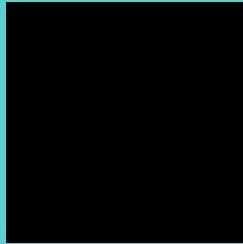
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

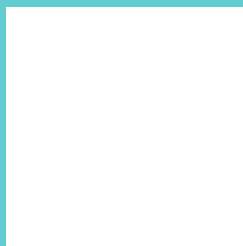
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2535, 50.8134, 67.4663

Background



This preview shows how black text looks on a background with the XYZ color 38.2535, 50.8134, 67.4663.

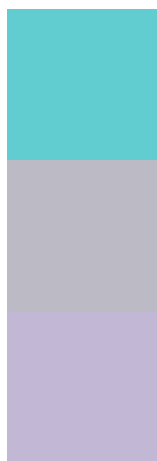


This preview shows how white text looks on a background with the XYZ color 38.2535, 50.8134,

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

38.2535, 50.8134, 67.4663

Protanopia

48.5874, 50.2632, 59.9643

Deuteranopia

51.1919, 50.1404, 69.9308



Tritanopia

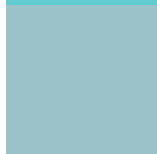
39.7537, 50.7040, 75.4017

Trichromacy



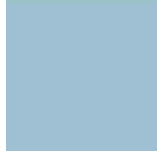
Original Color

38.2535, 50.8134, 67.4663



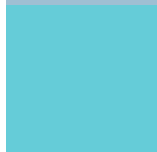
Protanomaly

43.3520, 49.7692, 62.5799



Deuteranomaly

44.6867, 49.3357, 68.7955



Tritanomaly

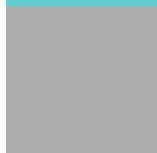
39.3544, 50.9103, 72.7182

Monochromacy



Original Color

38.2535, 50.8134, 67.4663



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

38.0659, 44.3541, 53.0093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2535, 50.8134, 67.4663 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(98, 205, 208)` looks like.

```
.text, #text, p{  
    color:rgb(98, 205, 208)  
}
```

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(98, 205, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 205, 208) }
```

Border

The CSS property to change the border of an element to XYZ 38.2535, 50.8134, 67.4663 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(98, 205, 208) }
```


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

```
.border{ border-color:rgb(98, 205, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 205, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 205, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 205, 208);  
box-shadow:4px 4px 4px 4px rgb(98, 205,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2535, 50.8134, 67.4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 205, 208) }
```

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

```
.background{ background-color: rgb(98, 205,  
208) }
```

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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