

Converting Colors

XYZ(33.8807, 47.3729, 57.2274)

Have a look what the booklet for
XYZ(33.8807, 47.3729, 57.2274)
contains.

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Color

**XYZ(33.8807, 47.3729,
57.2274)**

Conversions

Conversions Part 1

Format	Color
Hex	52C9C0
RGB	82, 201, 192
RGB Percent	32%, 79%, 75%
CMY	0.6784, 0.2118, 0.2471
CMYK	0.59, 0.00, 0.04, 0.21
HSL	175°, 52%, 55%
HSV	175°, 59%, 79%
XYZ	33.8807, 47.3729, 57.2274
YIQ	164.3930, -68.0350, -28.0270

Conversions

Conversions Part 2

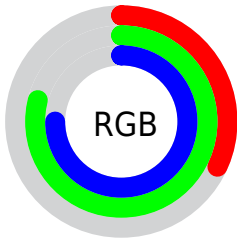
Format	Color
RYB	82, 144, 201
Decimal	5425600
CIELab	74.43, -35.25, -5.49
CIElCh	74, 35.679, 188.856
Yxy	47.3729, 0.2447, 0.3421
Android (android.graphics.Color)	4283615680 (0xFF52C9C0)
YUV	164.3930, 13.6103, -72.2587
Hunter-Lab	68.8280, -32.5820, -1.1174

Details

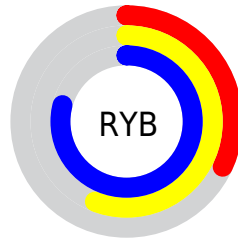
The XYZ color **33.8807, 47.3729, 57.2274** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **28.9945, 19.2087, 12.0784**, and the grayscale version is **35.4355, 37.2809, 40.5989**.

A 20% lighter version of the original color is **64.0310, 84.1370, 101.6722**, and **14.9391, 22.4218, 27.9666** is the 20% darker color. If you saturate the color by 10%, you get **32.2150, 46.5347, 56.2755**, and if you desaturate by 10%, it is **36.0628, 48.4794, 58.2147**.

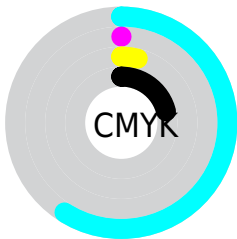
Distribution



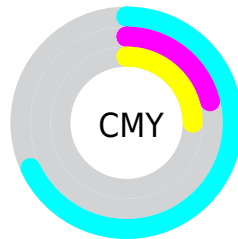
- Red (32%)
- Green (79%)
- Blue (75%)



- Red (32%)
- Yellow (56%)
- Blue (79%)



- Cyan (59%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)





- Cyan (68%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.8807, 47.3729, 57.2274 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 33.8807, 47.3729, 57.2274 by changing the saturation by 10% instead.


 33.8807, 47.3729,
57.2274


 33.8807, 47.3729,
57.2274


311.1951,
376.3010, 431.8184


 22.9644, 33.3305,
40.7773


 65.0936, 86.2700,
102.3005

 14.6878, 22.3798,
27.8267


 86.1210, 111.8935,
131.7606

 8.6854, 14.1362,
17.9572


 111.2494,
142.1462, 166.3945

 4.5920, 8.2155,
10.7501

 140.8443,
177.4124, 206.6205

 2.0422, 4.2331,
5.7870

175.2709,
218.0767, 252.8575

 0.6575, 1.8048,
2.6493

214.8947,

 0.0000, 0.4902,

264.5232, 305.5237

0.9178

260.0809,
317.1366, 365.0379

■ 0.0000, 0.0000,
0.0000

■ 33.8807, 47.3729,
57.2274

■ 33.8807, 47.3729,
57.2274

■ 32.2150, 46.5347,
56.2755

■ 36.0628, 48.4794,
58.2147

■ 31.0153, 45.9354,
55.3534

■ 38.7977, 49.8695,
59.2359

■ 30.2286, 45.5488,
54.4596

■ 42.1233, 51.5639,
60.2939

■ 29.7619, 45.3269,
53.5899

■ 46.0730, 53.5799,
61.3903

■ 29.7289, 45.3114,
53.5211

■ 50.6777, 55.9333,
62.5265

■ 55.9663, 58.6391,
63.7040

■ 61.9659, 61.7112,
64.9239

■ 68.7021, 65.1628,
66.1877

■ 73.2299, 67.4758,
67.3573

Harmonies

Analogous

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



34.4506, 47.3729, 39.8329



33.8807, 47.3729, 57.2274



36.0677, 47.3729, 77.1400

Triad

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



33.8807, 47.3729, 57.2274



53.2380, 47.3729, 84.3636



49.6355, 47.3729, 25.1007

Complementary

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



33.8807, 47.3729, 57.2274



28.9945, 19.2087, 12.0784

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.



55.3581, 47.3729, 32.4014



33.8807, 47.3729, 57.2274



57.5717, 47.3729, 65.4379

Square

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



33.8807, 47.3729, 57.2274



46.9572, 47.3729, 95.0794



58.3824, 47.3729, 46.3188



43.1495, 47.3729, 23.9064

Rectangle

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



33.8807, 47.3729, 57.2274



38.9295, 47.3729, 88.2134



58.3824, 47.3729, 46.3188



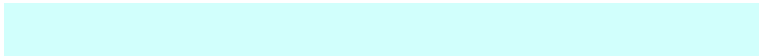
51.7290, 47.3729, 26.8213

Sweetspot

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



33.8821, 47.3747, 57.2285



79.5787, 92.0883, 105.2842



26.8163, 44.6554, 15.1895



16.5749, 19.4766, 22.4147



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.



33.8821, 47.3747, 57.2285



54.5029, 79.3429, 95.8997



25.1575, 28.2801, 59.3931



10.9108, 12.0532, 13.4802



18.7068, 28.4951, 33.7304



0.8963, 1.3535, 1.6528

Inverse Universe

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



28.9945, 19.2087, 12.0784



45.4323, 26.8496, 11.9437



33.8069, 29.4181, 11.8800



10.6659, 10.6497, 11.2238



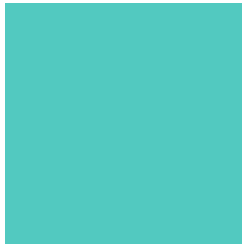
15.2137, 7.8351, 1.0695



0.7319, 0.3756, 0.1115

Previews

White Background



This preview shows how the XYZ color 33.8807, 47.3729, 57.2274 looks on a white background.

Color Contrast Check

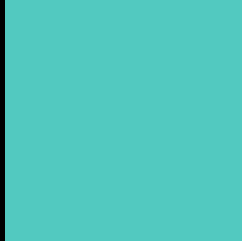
Large Text (above 18pt) WCAG AA × Fail

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 33.8807, 47.3729, 57.2274 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

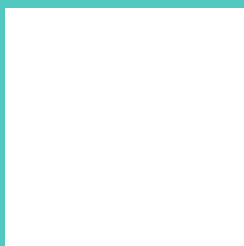
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.8807, 47.3729, 57.2274

Background



This preview shows how black text looks on a background with the XYZ color 33.8807, 47.3729, 57.2274.

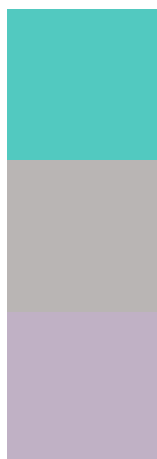


This preview shows how white text looks on a background with the XYZ color 33.8807, 47.3729,

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

33.8807, 47.3729, 57.2274

Protanopia

44.7697, 46.6573, 49.8262

Deuteranopia

47.5384, 46.6820, 59.3283



Tritanopia

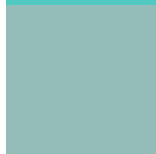
36.6461, 47.4674, 70.8490

Trichromacy



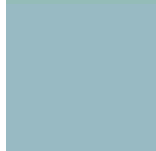
Original Color

33.8807, 47.3729, 57.2274



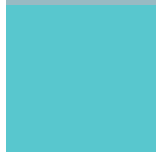
Protanomaly

38.8477, 45.7230, 52.1253



Deuteranomaly

40.3581, 45.7333, 58.3301



Tritanomaly

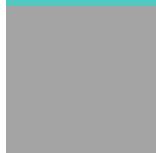
35.5885, 47.3778, 65.6616

Monochromacy



Original Color

33.8807, 47.3729, 57.2274



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

33.1936, 39.5686, 45.9324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8807, 47.3729, 57.2274 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(82, 201, 192)` looks like.

```
.text, #text, p{  
    color:rgb(82, 201, 192)  
}
```

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(82, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 201, 192) }
```

Border

The CSS property to change the border of an element to XYZ 33.8807, 47.3729, 57.2274 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(82, 201, 192) }
```


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

```
.border{ border-color:rgb(82, 201, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 201, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 201, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 201, 192);  
box-shadow:4px 4px 4px 4px rgb(82, 201,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8807, 47.3729, 57.2274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 201, 192) }
```

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

```
.background{ background-color: rgb(82, 201,  
192) }
```

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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