

Converting Colors

XYZ(36.5282, 50.8064, 57.4153)

Have a look what the booklet for
XYZ(36.5282, 50.8064, 57.4153)
contains.

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Color

**XYZ(36.5407, 50.8740,
57.1840)**

Conversions

Conversions Part 1

Format	Color
Hex	60CFBF
RGB	96, 207, 191
RGB Percent	38%, 81%, 75%
CMY	0.6235, 0.1882, 0.2510
CMYK	0.54, 0.00, 0.08, 0.19
HSL	171°, 54%, 59%
HSV	171°, 54%, 81%
XYZ	36.5407, 50.8740, 57.1840
YIQ	171.9870, -61.0200, -28.5080

Conversions

Conversions Part 2

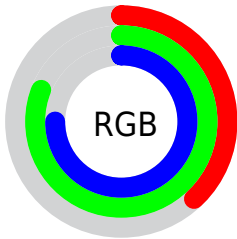
Format	Color
RYB	96, 156, 207
Decimal	6344639
CIELab	76.60, -35.58, -1.70
CIELCh	77, 35.624, 182.739
Yxy	50.8740, 0.2527, 0.3518
Android (android.graphics.Color)	4284534719 (0xFF60CFBF)
YUV	171.9870, 9.3734, -66.6406
Hunter-Lab	71.3260, -33.3740, 2.3938

Details

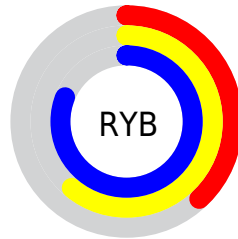
The XYZ color **36.5407, 50.8740, 57.1840** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.8414, 22.8025, 18.0016**, and the grayscale version is **39.1837, 41.2243, 44.8932**.

A 20% lighter version of the original color is **66.0661, 85.2040, 100.9596**, and **16.2417, 24.5111, 27.9198** is the 20% darker color. If you saturate the color by 10%, you get **34.3181, 49.7670, 55.3840**, and if you desaturate by 10%, it is **39.3462, 52.2832, 59.0485**.

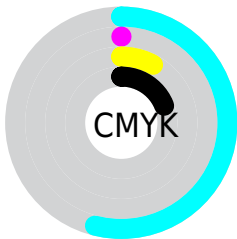
Distribution



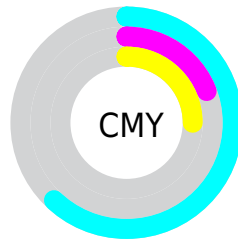
- Red (38%)
- Green (81%)
- Blue (75%)



- Red (38%)
- Yellow (61%)
- Blue (81%)



- Cyan (54%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)



- Cyan (62%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5407, 50.8740, 57.1840 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 36.5407, 50.8740, 57.1840 by changing the saturation by 10% instead.

36.5407, 50.8740,
57.1840

36.5407, 50.8740,
57.1840

322.7079,
390.0741, 431.6515

25.0241, 36.1083,
40.7426

69.1842, 91.4685,
102.2366

16.2239, 24.5179,
27.7999

91.0419, 118.0661,
131.6850

9.7745, 15.7182,
17.9371

117.0773,
149.3765, 166.3060

5.3108, 9.3250,
10.7359

147.6558,
185.7841, 206.5184

2.4674, 4.9538,
5.7776

183.1428,
227.6733, 252.7406

0.8788, 2.2202,
2.6437

223.9035,

0.0000, 0.7310,

275.4284, 305.3911

0.9149

270.3034,
329.4338, 364.8886

■ 0.0000, 0.0000,
0.0000

■ 36.5407, 50.8740,
57.1840

■ 36.5407, 50.8740,
57.1840

■ 34.3181, 49.7670,
55.3840

■ 39.3462, 52.2832,
59.0485

■ 32.6280, 48.9325,
53.6425

■ 42.7714, 54.0098,
60.9759

■ 31.4187, 48.3451,
51.9581

■ 46.8550, 56.0751,
62.9696

■ 30.6259, 47.9717,
50.3275

■ 51.6314, 58.4968,
65.0312

■ 30.2655, 47.8080,
49.3120

■ 57.1327, 61.2913,
67.1624

■ 63.3886, 64.4741,
69.3649

■ 70.4275, 68.0597,
71.6402

■ 75.8033, 70.7871,
73.8740

■ 76.1901, 70.9419,
75.9108

Harmonies

Analogous

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



37.7342, 50.8740, 40.0860



36.5407, 50.8740, 57.1840



38.2611, 50.8740, 77.9631

Triad

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



36.5407, 50.8740, 57.1840



55.6995, 50.8740, 92.8016



54.5302, 50.8740, 28.5378

Complementary

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



36.5407, 50.8740, 57.1840



32.8414, 22.8025, 18.0016

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.



60.0824, 50.8740, 37.6627



36.5407, 50.8740, 57.1840



60.8004, 50.8740, 74.1719

Square

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



36.5407, 50.8740, 57.1840



48.9756, 50.8740, 101.2974



62.4735, 50.8740, 53.6401



47.7381, 50.8740, 25.9977

Rectangle

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



36.5407, 50.8740, 57.1840



40.9315, 50.8740, 90.4546



62.4735, 50.8740, 53.6401



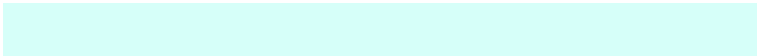
56.6241, 50.8740, 30.8128

Sweetspot

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



36.5422, 50.8760, 57.1852



80.6673, 92.6932, 103.3592



31.1909, 48.9597, 18.8738



16.9178, 19.6635, 21.9751



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.



36.5422, 50.8760, 57.1852



54.6444, 79.5813, 88.4325



30.1184, 35.0544, 64.2124



12.0820, 13.3766, 14.7884



19.0950, 30.1309, 31.2100



1.0882, 1.6929, 1.8532

Inverse Universe

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



32.8414, 22.8025, 18.0016



48.1632, 30.1250, 19.5948



36.4883, 31.3978, 15.2048



11.8772, 11.8356, 12.6291



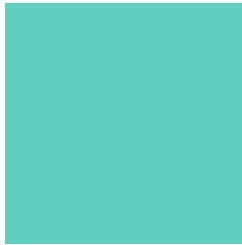
16.3800, 8.4248, 1.6414



0.9387, 0.4802, 0.2121

Previews

White Background



This preview shows how the XYZ color 36.5407, 50.8740, 57.1840 looks on a white background.

Color Contrast Check

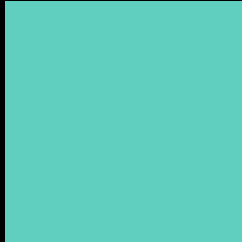
Large Text (above 18pt) WCAG AA × Fail

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 36.5407, 50.8740, 57.1840 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

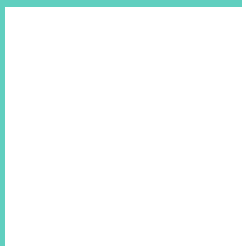
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5407, 50.8740, 57.1840

Background



This preview shows how black text looks on a background with the XYZ color 36.5407, 50.8740, 57.1840.

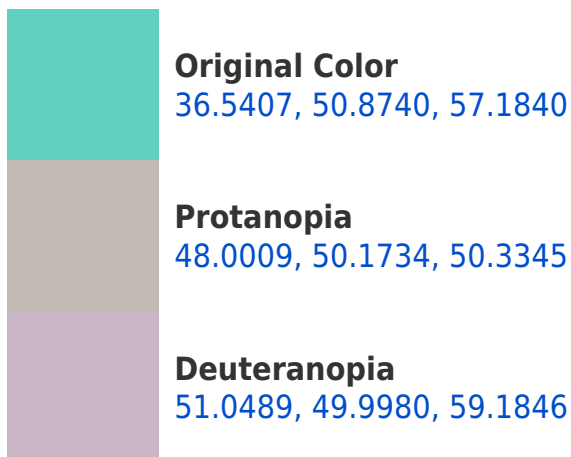


This preview shows how white text looks on a background with the XYZ color 36.5407, 50.8740,

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





Tritanopia

40.0860, 50.8905, 74.7279

Trichromacy



Original Color

36.5407, 50.8740, 57.1840



Protanomaly

42.0441, 49.3134, 52.6499



Deuteranomaly

43.4727, 48.9432, 58.1947



Tritanomaly

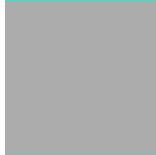
38.5810, 50.6140, 68.0576

Monochromacy



Original Color

36.5407, 50.8740, 57.1840



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

36.9872, 43.8819, 49.1684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5407, 50.8740, 57.1840 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(96, 207, 191)` looks like.

```
.text, #text, p{  
    color:rgb(96, 207, 191)  
}
```

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(96, 207, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 207, 191) }
```

Border

The CSS property to change the border of an element to XYZ 36.5407, 50.8740, 57.1840 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(96, 207, 191) }
```


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

```
.border{ border-color:rgb(96, 207, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 207, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 207, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 207, 191);  
box-shadow:4px 4px 4px 4px rgb(96, 207,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5407, 50.8740, 57.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 207, 191) }
```

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

```
.background{ background-color: rgb(96, 207,  
191) }
```

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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