

Converting Colors

XYZ(47.6423, 57.0641, 37.3387)

Have a look what the booklet for
XYZ(47.6423, 57.0641, 37.3387)
contains.

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Color

**XYZ(47.5850, 57.0180,
37.3517)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CF96
RGB	184, 207, 150
RGB Percent	72%, 81%, 59%
CMY	0.2784, 0.1882, 0.4118
CMYK	0.11, 0.00, 0.28, 0.19
HSL	84°, 37%, 70%
HSV	84°, 28%, 81%
XYZ	47.5850, 57.0180, 37.3517
YIQ	193.6250, 4.5890, -22.6030

Conversions

Conversions Part 2

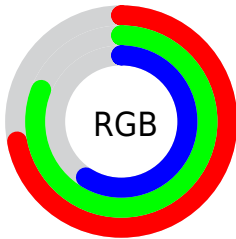
Format	Color
RYB	150, 207, 173
Decimal	12111766
CIELab	80.19, -17.59, 25.84
CIELCh	80, 31.257, 124.245
Yxy	57.0180, 0.3352, 0.4017
Android (android.graphics.Color)	4290301846 (0xFFB8CF96)
YUV	193.6250, -21.5071, -8.4411
Hunter-Lab	75.5103, -19.6560, 23.5290

Details

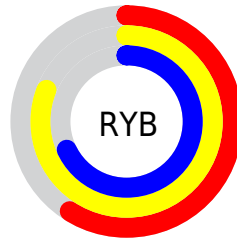
The XYZ color **47.5850, 57.0180, 37.3517** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.4047, 35.2035, 63.7527**, and the grayscale version is **51.1789, 53.8442, 58.6364**.

A 20% lighter version of the original color is **82.5943, 94.4049, 70.9955**, and **22.8493, 28.4291, 16.0875** is the 20% darker color. If you saturate the color by 10%, you get **44.1212, 55.4100, 29.2438**, and if you desaturate by 10%, it is **51.4645, 58.8098, 47.0184**.

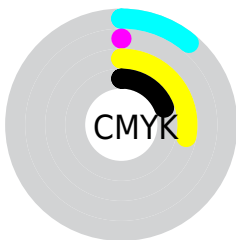
Distribution



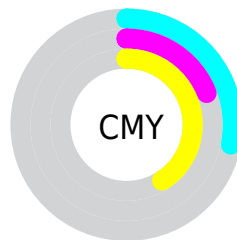
- Red (72%)
- Green (81%)
- Blue (59%)



- Red (59%)
- Yellow (81%)
- Blue (68%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5850, 57.0180, 37.3517 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 47.5850, 57.0180, 37.3517 by changing the saturation by 10% instead.

■ 47.5850, 57.0180,
37.3517

■ 47.5850, 57.0180,
37.3517

367.7548,
413.5168, 350.0451

■ 33.7082, 41.0197,
25.1820

■ 85.7996, 100.4915,
72.3057

■ 22.8314, 28.3345,
15.9924

■ 110.8682,
128.7354, 95.9271

■ 14.5891, 18.5779,
9.3645

140.3981,
161.8300, 124.2029

■ 8.6159, 11.3657,
4.8796

174.7547,
200.1596, 157.5514

■ 4.5466, 6.3134,
2.1193

214.3033,
244.1088, 196.3914

■ 2.0158, 3.0366,
0.6272

259.4093,

■ 0.6428, 1.1508,

294.0617, 241.1413

0.0000

310.4380,
350.4029, 292.2197

■ 0.0000, 0.0210,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.5850, 57.0180,
37.3517

■ 47.5850, 57.0180,
37.3517

■ 44.1212, 55.4100,
29.2438

■ 51.4645, 58.8098,
47.0184

■ 41.0511, 53.9710,
22.6094

■ 55.7715, 60.7845,
58.3161

■ 38.3572, 52.6956,
17.3605

■ 60.5229, 62.9511,
71.3166

■ 36.0187, 51.5753,
13.3983

■ 65.7332, 65.3156,
86.0866

■ 34.0120, 50.6004,
10.6109

■ 71.4162, 67.8837,
102.6891

■ 32.3101, 49.7599,
8.8672

■ 74.3365, 69.3615,
104.0779

■ 30.8759, 49.0386,
7.9845

■ 77.1464, 70.8100,
104.2094

■ 30.5491, 48.8734,
7.8234

■ 80.0873, 72.3261,
104.3470

■ 81.6040, 73.1080,
104.4180

Harmonies

Analogous

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



53.2916, 57.0180, 33.2439



47.5850, 57.0180, 37.3517



43.8872, 57.0180, 48.0450

Triad

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



47.5850, 57.0180, 37.3517



49.0406, 57.0180, 99.3691



67.3592, 57.0180, 59.5205

Complementary

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



47.5850, 57.0180, 37.3517



39.4047, 35.2035, 63.7527

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.



65.9997, 57.0180, 78.6191



47.5850, 57.0180, 37.3517



55.1063, 57.0180, 104.0813

Square

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



47.5850, 57.0180, 37.3517



44.6802, 57.0180, 84.0056



61.3880, 57.0180, 95.8558



64.9704, 57.0180, 44.3503

Rectangle

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



47.5850, 57.0180, 37.3517



42.8907, 57.0180, 58.6292



61.3880, 57.0180, 95.8558



67.3266, 57.0180, 65.6697

Sweetspot

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



47.5865, 57.0205, 37.3529



88.9734, 97.2269, 92.3719



46.1445, 45.2798, 35.1628



18.8106, 20.7038, 19.1491



0.0000, 0.0000, 0.0000



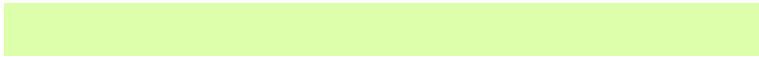
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5865, 57.0205, 37.3529



72.9274, 89.8330, 51.9490



41.4719, 53.8683, 37.0668



12.3227, 13.5498, 12.5779



19.3558, 30.8472, 4.9340



1.1707, 1.7704, 0.2800

Inverse Universe

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



39.4047, 35.2035, 63.7527



57.7090, 49.2413, 101.0707



46.3391, 38.7783, 64.0772



11.6089, 11.6472, 14.8799



9.4742, 4.0644, 37.4777



0.6185, 0.2730, 2.0997

Previews

White Background



This preview shows how the XYZ color 47.5850, 57.0180, 37.3517 looks on a white background.

Color Contrast Check

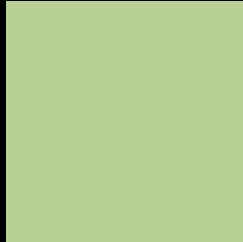
Large Text (above 18pt) WCAG AA × Fail

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 47.5850, 57.0180, 37.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

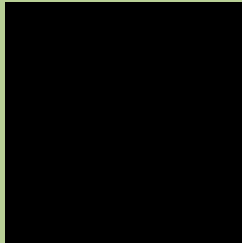
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5850, 57.0180, 37.3517

Background



This preview shows how black text looks on a background with the XYZ color 47.5850, 57.0180, 37.3517.



This preview shows how white text looks on a background with the XYZ color 47.5850, 57.0180,

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

47.5850, 57.0180, 37.3517

Protanopia

52.8230, 56.6096, 35.3368

Deuteranopia

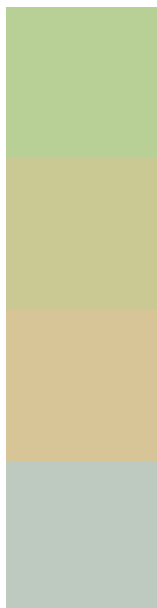
57.9848, 56.8851, 38.0608



Tritanopia

54.5533, 57.0393, 71.7528

Trichromacy



Original Color

47.5850, 57.0180, 37.3517

Protanomaly

50.5102, 56.4364, 35.8349

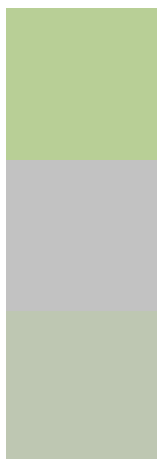
Deuteranomaly

53.6581, 56.6466, 37.8116

Tritanomaly

51.7597, 56.9498, 57.5546

Monochromacy



Original Color

47.5850, 57.0180, 37.3517

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.6945, 55.0083, 50.1180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5850, 57.0180, 37.3517 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(184, 207, 150)` looks like.

```
.text, #text, p{  
    color:rgb(184, 207, 150)  
}
```

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(184, 207, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 207, 150) }
```

Border

The CSS property to change the border of an element to XYZ 47.5850, 57.0180, 37.3517 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(184, 207, 150) }
```


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

```
.border{ border-color:rgb(184, 207, 150) }
```

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

Here you see how a box with a 4 pixel rgb(184, 207, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 207, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 207, 150);  
box-shadow:4px 4px 4px 4px rgb(184, 207,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5850, 57.0180, 37.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 207, 150) }
```

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

```
.background{ background-color: rgb(184,  
207, 150) }
```

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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