

Converting Colors

XYZ(50.1931, 56.4857, 37.2736)

Have a look what the booklet for
XYZ(50.1931, 56.4857, 37.2736)
contains.

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Color

**XYZ(50.1787, 56.5852,
37.1315)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CA96
RGB	199, 202, 150
RGB Percent	78%, 79%, 59%
CMY	0.2196, 0.2078, 0.4118
CMYK	0.01, 0.00, 0.26, 0.21
HSL	63°, 33%, 69%
HSV	63°, 26%, 79%
XYZ	50.1787, 56.5852, 37.1315
YIQ	195.1750, 14.9040, -16.8080

Conversions

Conversions Part 2

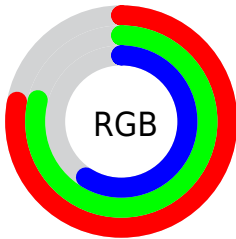
Format	Color
RYB	150, 202, 153
Decimal	13093526
CIELab	79.95, -9.45, 25.69
CIElCh	80, 27.377, 110.197
Yxy	56.5852, 0.3487, 0.3932
Android (android.graphics.Color)	4291283606 (0xFFC7CA96)
YUV	195.1750, -22.2713, 3.3545
Hunter-Lab	75.2231, -12.5694, 23.3896

Details

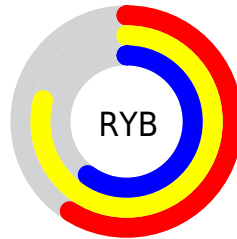
The XYZ color **50.1787, 56.5852, 37.1315** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.7061, 32.8508, 60.3920**, and the grayscale version is **52.0997, 54.8130, 59.6913**.

A 20% lighter version of the original color is **87.8991, 97.1396, 71.2438**, and **24.5191, 28.1004, 15.9360** is the 20% darker color. If you saturate the color by 10%, you get **48.3823, 55.8330, 29.2761**, and if you desaturate by 10%, it is **52.2608, 57.4559, 46.4663**.

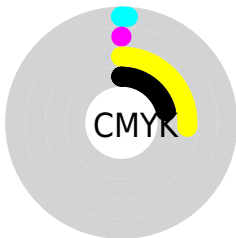
Distribution



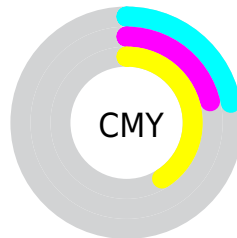
- Red (78%)
- Green (79%)
- Blue (59%)



- Red (59%)
- Yellow (79%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1787, 56.5852, 37.1315 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 50.1787, 56.5852, 37.1315 by changing the saturation by 10% instead.

■ 50.1787, 56.5852,
37.1315

■ 50.1787, 56.5852,
37.1315

377.8048,
411.8932, 349.0653

■ 35.7738, 40.6723,
25.0127

■ 89.6298, 99.8597,
71.9636

■ 24.4288, 28.0631,
15.8674

■ 115.4068,
127.9901, 95.5140

■ 15.7785, 18.3732,
9.2771

145.7051,
160.9617, 123.7120

■ 9.4574, 11.2183,
4.8231

180.8901,
199.1591, 156.9762

■ 5.1002, 6.2139,
2.0869

221.3273,
242.9665, 195.7250

■ 2.3415, 2.9756,
0.6080

267.3818,

■ 0.8158, 1.1190,

292.7684, 240.3772

0.0000

319.4192,
348.9492, 291.3511

■ 0.0000, 0.0000,
0.0000

■ 50.1787, 56.5852,
37.1315

■ 50.1787, 56.5852,
37.1315

■ 48.3823, 55.8330,
29.2761

■ 52.2608, 57.4559,
46.4663

■ 46.8530, 55.1858,
22.8207

■ 54.6376, 58.4428,
57.3473

■ 45.5764, 54.6401,
17.6840


■ 57.3232, 59.5535,
69.8414

■ 44.5353, 54.1888,
13.7750


■ 60.3292, 60.7927,
84.0107


■ 43.7101, 53.8242,
10.9910


■ 63.6669, 62.1648,
99.9139


 43.0783, 53.5372,
9.2126


 64.6265, 62.5859,
103.2818

 42.6117, 53.3165,
8.2922

 64.9518, 62.7536,
103.2971

 42.4400, 53.2335,
8.0383

 65.2796, 62.9226,
103.3124

 65.6097, 63.0928,
103.3279

Harmonies

Analogous

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



55.6217, 56.5852, 36.1176



50.1787, 56.5852, 37.1315



45.9873, 56.5852, 44.0312

Triad

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



50.1787, 56.5852, 37.1315



47.2308, 56.5852, 88.2259



65.0089, 56.5852, 66.9681

Complementary

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



50.1787, 56.5852, 37.1315



34.7061, 32.8508, 60.3920

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.



62.4124, 56.5852, 83.3412



50.1787, 56.5852, 37.1315



51.9844, 56.5852, 96.9368

Square

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



50.1787, 56.5852, 37.1315



44.3683, 56.5852, 72.7872



57.5549, 56.5852, 95.0096



64.4423, 56.5852, 51.6429

Rectangle

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



50.1787, 56.5852, 37.1315



44.3463, 56.5852, 51.8185



57.5549, 56.5852, 95.0096



64.4706, 56.5852, 72.5670

Sweetspot

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



50.1802, 56.5877, 37.1327



91.5053, 98.5322, 92.4904



41.1899, 37.4118, 33.9052



19.4514, 21.0341, 19.1791



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.



50.1802, 56.5877, 37.1327



83.1708, 95.0565, 55.0125



43.9499, 53.3759, 36.8411



12.0873, 13.0624, 11.9637



27.3344, 34.2667, 5.1735



1.4301, 1.7780, 0.2678

Inverse Universe

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



34.7061, 32.8508, 60.3920



52.5088, 48.0167, 101.1084



40.0669, 35.6144, 60.6429



10.6608, 10.8744, 14.1075



6.9799, 2.8058, 36.1300



0.3816, 0.1558, 1.8649

Previews

White Background



This preview shows how the XYZ color 50.1787, 56.5852, 37.1315 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 50.1787, 56.5852, 37.1315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

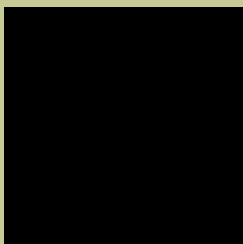
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

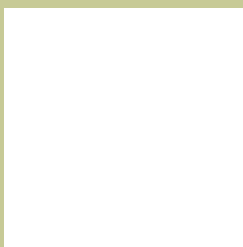
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1787, 56.5852, 37.1315

Background



This preview shows how black text looks on a background with the XYZ color 50.1787, 56.5852, 37.1315.



This preview shows how white text looks on a background with the XYZ color 50.1787, 56.5852,

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

50.1787, 56.5852, 37.1315

Protanopia

52.6908, 56.5233, 36.1500

Deuteranopia

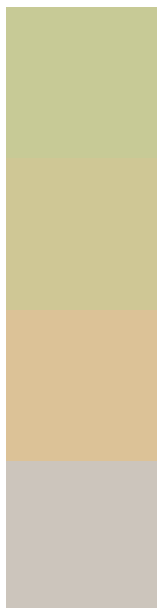
57.3597, 56.2497, 37.5399



Tritanopia

56.5325, 56.4524, 68.2384

Trichromacy



Original Color

50.1787, 56.5852, 37.1315

Protanomaly

51.5804, 56.2822, 36.5787

Deuteranomaly

54.3929, 56.0336, 37.2269

Tritanomaly

53.9452, 56.4007, 55.6202

Monochromacy



Original Color

50.1787, 56.5852, 37.1315

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.0957, 55.3786, 50.6439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1787, 56.5852, 37.1315 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(199, 202, 150)` looks like.

```
.text, #text, p{  
    color:rgb(199, 202, 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(199, 202, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 202, 150) }
```

Border

The CSS property to change the border of an element to XYZ 50.1787, 56.5852, 37.1315 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(199, 202, 150) }
```


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

```
.border{ border-color:rgb(199, 202, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 202, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 202, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 202, 150);  
box-shadow:4px 4px 4px 4px rgb(199, 202,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1787, 56.5852, 37.1315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 202, 150) }
```

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

```
.background{ background-color: rgb(199,  
202, 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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