

Converting Colors

XYZ(51.8316, 57.7541, 32.1896)

Have a look what the booklet for
XYZ(51.8316, 57.7541, 32.1896)
contains.

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Color

**XYZ(51.8837, 57.9279,
32.1136)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CB89
RGB	208, 203, 137
RGB Percent	82%, 80%, 54%
CMY	0.1843, 0.2039, 0.4627
CMYK	0.00, 0.02, 0.34, 0.18
HSL	56°, 43%, 68%
HSV	56°, 34%, 82%
XYZ	51.8837, 57.9279, 32.1136
YIQ	196.9710, 24.1660, -19.4660

Conversions

Conversions Part 2

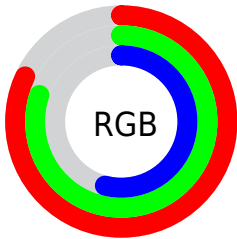
Format	Color
RYB	142, 208, 137
Decimal	13683593
CIELab	80.70, -8.17, 33.59
CIElCh	81, 34.572, 103.671
Yxy	57.9279, 0.3656, 0.4082
Android (android.graphics.Color)	4291873673 (0xFFD0CB89)
YUV	196.9710, -29.5657, 9.6724
Hunter-Lab	76.1104, -11.5115, 28.2608

Details

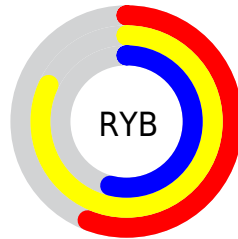
The XYZ color **51.8837, 57.9279, 32.1136** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.3746, 29.2177, 63.6605**, and the grayscale version is **53.2173, 55.9887, 60.9717**.

A 20% lighter version of the original color is **86.4040, 96.5416, 63.3706**, and **25.5640, 28.9391, 13.0425** is the 20% darker color. If you saturate the color by 10%, you get **50.1898, 56.7021, 24.8840**, and if you desaturate by 10%, it is **53.8714, 59.2806, 40.8615**.

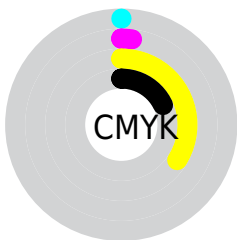
Distribution



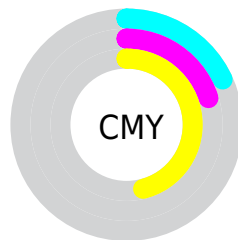
- Red (82%)
- Green (80%)
- Blue (54%)



- Red (56%)
- Yellow (82%)
- Blue (54%)



- Cyan (0%)
- Magenta (2%)
- Yellow (34%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8837, 57.9279, 32.1136 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 51.8837, 57.9279, 32.1136 by changing the saturation by 10% instead.

■ 51.8837, 57.9279,
32.1136

■ 51.8837, 57.9279,
32.1136

384.3188,
416.9172, 326.1451

■ 37.1363, 41.7507,
21.1827

■ 92.1349, 101.8179,
64.0891

■ 25.4872, 28.9061,
13.0651

■ 118.3695,
130.2994, 85.9708

■ 16.5711, 19.0098,
7.3421

■ 149.1638,
163.6512, 112.3400

■ 10.0225, 11.6774,
3.5953

184.8831,
202.2575, 143.6150

■ 5.4763, 6.5244,
1.4061

225.8930,
246.5029, 180.2145

■ 2.5669, 3.1665,
0.1464

272.5586,

■ 0.9291, 1.2193,

296.7718, 222.5570

0.0000

325.2454,
353.4484, 271.0610

■ 0.0000, 0.0773,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.8837, 57.9279,
32.1136

■ 51.8837, 57.9279,
32.1136

■ 50.1898, 56.7021,
24.8840

■ 53.8714, 59.2806,
40.8615

■ 48.7689, 55.5886,
19.0819


■ 56.1638, 60.7583,
51.2046


■ 47.6039, 54.5827,
14.6120


■ 58.7767, 62.3695,
63.2186


■ 46.6745, 53.6761,
11.3662


■ 61.7232, 64.1194,
76.9738


 45.9569, 52.8595,
9.2197


 65.0160, 66.0131,
92.5359


 45.4221, 52.1212,
8.0207

 67.5522, 67.6094,
104.0973

 45.1637, 51.7125,
7.6011

 67.9191, 68.3433,
104.2196

 68.2894, 69.0839,
104.3430

 68.6631, 69.8312,
104.4676

Harmonies

Analogous

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



59.0013, 57.9279, 32.4149



51.8837, 57.9279, 32.1136



46.1297, 57.9279, 38.7364

Triad

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



51.8837, 57.9279, 32.1136



45.7315, 57.9279, 94.2327



69.2811, 57.9279, 74.7611

Complementary

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



51.8837, 57.9279, 32.1136



31.3746, 29.2177, 63.6605

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.



65.0715, 57.9279, 95.9248



51.8837, 57.9279, 32.1136



51.2959, 57.9279, 108.7191

Square

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



51.8837, 57.9279, 32.1136



42.7903, 57.9279, 72.8092



58.3607, 57.9279, 109.3977



69.4730, 57.9279, 54.2470

Rectangle

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



51.8837, 57.9279, 32.1136



43.6696, 57.9279, 47.2222



58.3607, 57.9279, 109.3977



68.2736, 57.9279, 82.1262

Sweetspot

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



51.8852, 57.9305, 32.1148



90.6432, 97.3259, 88.5037



39.9102, 33.2826, 30.2750



19.2780, 20.7551, 18.3778



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.



51.8852, 57.9305, 32.1148



80.2397, 90.3933, 42.2631



45.5275, 56.4324, 32.1607



12.7293, 13.6493, 12.5757



28.1783, 32.2895, 4.7474



1.5974, 1.8491, 0.2727

Inverse Universe

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



31.3746, 29.2177, 63.6605



42.9043, 38.1340, 99.7070



36.1799, 30.6163, 63.6772



11.2295, 11.5493, 14.8810



7.2254, 3.0974, 37.4095



0.4279, 0.2210, 2.0997

Previews

White Background



This preview shows how the XYZ color 51.8837, 57.9279, 32.1136 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 51.8837, 57.9279, 32.1136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

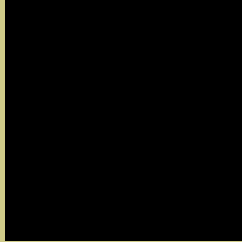
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8837, 57.9279, 32.1136

Background



This preview shows how black text looks on a background with the XYZ color 51.8837, 57.9279, 32.1136.



This preview shows how white text looks on a background with the XYZ color 51.8837, 57.9279,

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

51.8837, 57.9279, 32.1136

Protanopia

53.7135, 57.8378, 31.6254

Deuteranopia

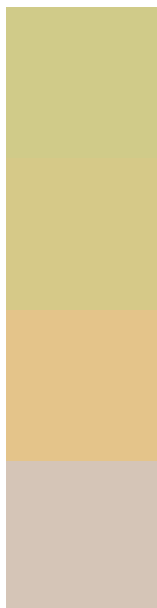
59.1064, 57.9141, 32.4894



Tritanopia

59.1193, 57.7860, 68.3595

Trichromacy



Original Color

51.8837, 57.9279, 32.1136

Protanomaly

53.0621, 57.8470, 31.6615

Deuteranomaly

56.3223, 57.8088, 32.2345

Tritanomaly

55.9541, 57.4975, 52.9488

Monochromacy



Original Color

51.8837, 57.9279, 32.1136

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.2487, 56.3595, 48.6821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8837, 57.9279, 32.1136 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(208, 203, 137)` looks like.

```
.text, #text, p{  
    color:rgb(208, 203, 137)  
}
```

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(208, 203, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 203, 137) }
```

Border

The CSS property to change the border of an element to XYZ 51.8837, 57.9279, 32.1136 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(208, 203, 137) }
```


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

```
.border{ border-color:rgb(208, 203, 137) }
```

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

Here you see how a box with a 4 pixel rgb(208, 203, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 203, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 203, 137);  
box-shadow:4px 4px 4px 4px rgb(208, 203,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8837, 57.9279, 32.1136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 203, 137) }
```

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

```
.background{ background-color: rgb(208,  
203, 137) }
```

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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