

Converting Colors

XYZ(53.5310, 57.9171, 31.9158)

Have a look what the booklet for
XYZ(53.5310, 57.9171, 31.9158)
contains.

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Color

**XYZ(53.7209, 58.1784,
32.0651)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C989
RGB	216, 201, 137
RGB Percent	85%, 79%, 54%
CMY	0.1529, 0.2117, 0.4627
CMYK	0.00, 0.07, 0.37, 0.15
HSL	49°, 50%, 69%
HSV	49°, 37%, 85%
XYZ	53.7209, 58.1784, 32.0651
YIQ	198.1890, 29.4840, -16.7240

Conversions

Conversions Part 2

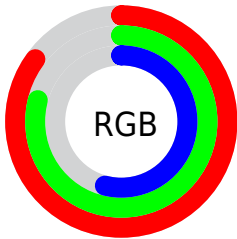
Format	Color
RYB	156, 216, 137
Decimal	14207369
CIELab	80.84, -4.00, 33.90
CIELCh	81, 34.135, 96.735
Yxy	58.1784, 0.3732, 0.4041
Android (android.graphics.Color)	4292397449 (0xFFD8C989)
YUV	198.1890, -30.1662, 15.6202
Hunter-Lab	76.2748, -7.7619, 28.4675

Details

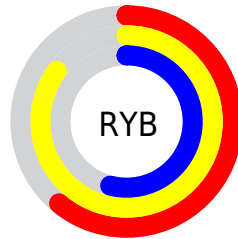
The XYZ color **53.7209, 58.1784, 32.0651** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.9392, 32.7317, 69.4947**, and the grayscale version is **53.9579, 56.7679, 61.8203**.

A 20% lighter version of the original color is **86.4040, 96.5416, 63.3706**, and **26.6106, 29.0129, 13.0016** is the 20% darker color. If you saturate the color by 10%, you get **51.3815, 55.7358, 24.3912**, and if you desaturate by 10%, it is **56.3990, 60.8015, 41.3835**.

Distribution



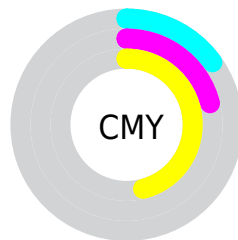
- Red (85%)
- Green (79%)
- Blue (54%)



- Red (61%)
- Yellow (85%)
- Blue (54%)



- Cyan (0%)
- Magenta (7%)
- Yellow (37%)
- Black (15%)





- Cyan (15%)
- Magenta (21%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7209, 58.1784, 32.0651 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 53.7209, 58.1784, 32.0651 by changing the saturation by 10% instead.


 53.7209, 58.1784,
32.0651

 53.7209, 58.1784,
32.0651


391.2606,
417.8504, 325.9176


 38.6084, 41.9521,
21.1460


 94.8236, 102.1826,
64.0122

 26.6345, 29.0638,
13.0385


 121.5445,
130.7293, 85.8773

 17.4341, 19.1291,
7.3240


 152.8655,
164.1516, 112.2282

 10.6417, 11.7636,
3.5840

189.1521,
202.8338, 143.4833

 5.8920, 6.5829,
1.4000

230.7695,
247.1604, 180.0613

 2.8195, 3.2027,
0.1418

278.0832,

 1.0591, 1.2384,

297.5158, 222.3806

0.0000

331.4584,
354.2843, 270.8599

■ 0.0000, 0.0928,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.7209, 58.1784,
32.0651

■ 53.7209, 58.1784,
32.0651

■ 51.3815, 55.7358,
24.3912

■ 56.3990, 60.8015,
41.3835

■ 49.3575, 53.4578,
18.2601

■ 59.4286, 63.6042,
52.4327


■ 47.6297, 51.3384,
13.5645


■ 62.8272, 66.5959,
65.2973


■ 46.1744, 49.3680,
10.1815


■ 66.6098, 69.7830,
80.0554


 44.9644, 47.5351,
7.9679


 70.7905, 73.1714,
96.7803


 43.9647, 45.8256,
6.7406

 73.4578, 75.9967,
105.4049

 43.6492, 45.2596,
6.4354

 74.5834, 78.2481,
105.7802

 75.7359, 80.5530,
106.1643

 76.9154, 82.9120,
106.5575

Harmonies

Analogous

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



60.8303, 58.1784, 33.9366



53.7209, 58.1784, 32.0651



47.5728, 58.1784, 37.0321

Triad

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



53.7209, 58.1784, 32.0651



45.1215, 58.1784, 89.5431



68.7201, 58.1784, 79.9653

Complementary

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



53.7209, 58.1784, 32.0651



33.9392, 32.7317, 69.4947

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.



63.8146, 58.1784, 99.8643



53.7209, 58.1784, 32.0651



50.1096, 58.1784, 106.1649

Square

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



53.7209, 58.1784, 32.0651



42.8885, 58.1784, 68.0134



56.9033, 58.1784, 110.2964



69.8936, 58.1784, 58.8979

Rectangle

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



53.7209, 58.1784, 32.0651



44.7112, 58.1784, 44.3355



56.9033, 58.1784, 110.2964



67.4338, 58.1784, 87.1371

Sweetspot

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



53.7224, 58.1811, 32.0663



89.1832, 94.9733, 86.2681



42.9982, 34.7842, 34.4989



18.9443, 20.2007, 17.9179



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.



53.7224, 58.1811, 32.0663



75.5214, 81.9143, 37.7379



50.8858, 62.1636, 32.9845



13.2632, 14.1006, 13.1833



25.9110, 26.9393, 3.8342



1.6156, 1.7304, 0.2489

Inverse Universe

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



33.9392, 32.7317, 69.4947



42.6358, 39.6271, 100.0094



35.9785, 30.3959, 68.9364



11.9315, 12.3863, 15.6995



7.8645, 3.9908, 38.8090



0.5318, 0.3556, 2.3599

Previews

White Background



This preview shows how the XYZ color 53.7209, 58.1784, 32.0651 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 53.7209, 58.1784, 32.0651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

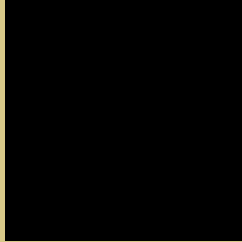
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7209, 58.1784, 32.0651

Background



This preview shows how black text looks on a background with the XYZ color 53.7209, 58.1784, 32.0651.



This preview shows how white text looks on a background with the XYZ color 53.7209, 58.1784,

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

53.7209, 58.1784, 32.0651

Protanopia

54.0173, 58.3311, 32.0789

Deuteranopia

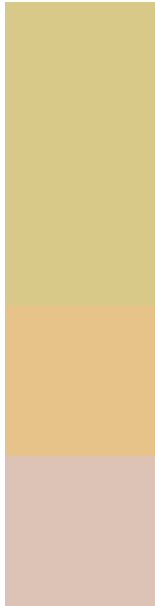
59.1064, 57.9141, 32.4894



Tritanopia

60.8526, 58.0516, 67.0293

Trichromacy



Original Color

53.7209, 58.1784, 32.0651

Protanomaly

54.0173, 58.3311, 32.0789

Deuteranomaly

57.0575, 57.8541, 32.2045

Tritanomaly

57.7774, 57.7798, 52.3634

Monochromacy



Original Color

53.7209, 58.1784, 32.0651

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4367, 56.9606, 49.2524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7209, 58.1784, 32.0651 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(216, 201, 137)` looks like.

```
.text, #text, p{  
    color:rgb(216, 201, 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(216, 201, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 201, 137) }
```

Border

The CSS property to change the border of an element to XYZ 53.7209, 58.1784, 32.0651 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(216, 201, 137) }
```


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

```
.border{ border-color:rgb(216, 201, 137) }
```

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

Here you see how a box with a 4 pixel rgb(216, 201, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 201, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 201, 137);  
box-shadow:4px 4px 4px 4px rgb(216, 201,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7209, 58.1784, 32.0651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 201, 137) }
```

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

```
.background{ background-color: rgb(216,  
201, 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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