

Converting Colors

XYZ(52.4829, 58.7999, 38.7204)

Have a look what the booklet for XYZ(52.4829, 58.7999, 38.7204) contains.

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Color

**XYZ(52.4829, 58.7999,
38.7204)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCD99
RGB	204, 205, 153
RGB Percent	80%, 80%, 60%
CMY	0.2000, 0.1961, 0.4000
CMYK	0.00, 0.00, 0.25, 0.20
HSL	61°, 34%, 70%
HSV	61°, 25%, 80%
XYZ	52.4829, 58.7999, 38.7204
YIQ	198.7730, 16.0960, -16.3840

Conversions

Conversions Part 2

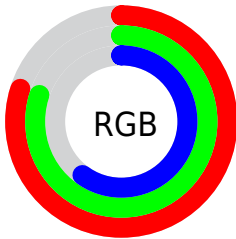
Format	Color
RYB	153, 205, 154
Decimal	13421977
CIELab	81.18, -8.68, 25.86
CIELCh	81, 27.278, 108.565
Yxy	58.7999, 0.3499, 0.3920
Android (android.graphics.Color)	4291612057 (0xFFCCCD99)
YUV	198.7730, -22.5661, 4.5841
Hunter-Lab	76.6811, -12.0210, 23.7381

Details

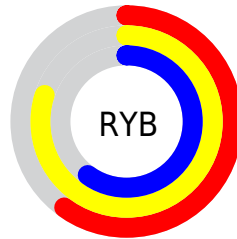
The XYZ color **52.4829, 58.7999, 38.7204** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.7394, 34.0619, 62.4519**, and the grayscale version is **54.2753, 57.1018, 62.1839**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **25.8593, 29.4821, 16.8981** is the 20% darker color. If you saturate the color by 10%, you get **50.8253, 58.1263, 30.5509**, and if you desaturate by 10%, it is **54.4348, 59.5952, 48.4246**.

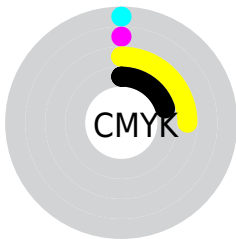
Distribution



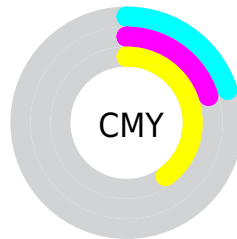
- Red (80%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)





- Cyan (20%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4829, 58.7999, 38.7204 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 52.4829, 58.7999, 38.7204 by changing the saturation by 10% instead.


 52.4829, 58.7999,
38.7204

 52.4829, 58.7999,
38.7204


386.5915,
420.1600, 356.0907

 37.6160, 42.4521,
26.2361


 93.0130, 103.0868,
74.4266

 25.8606, 29.4554,
16.7730


 119.4069,
131.7946, 98.4856

 16.8515, 19.4256,
9.9126


150.3739,
165.3912, 127.2400

 10.2233, 11.9782,
5.2362

186.2792,
204.2610, 161.1082

 5.6107, 6.7288,
2.3253

227.4883,
248.7884, 200.5089

 2.6482, 3.2931,
0.7454

274.3664,

 0.9706, 1.2866,

299.3578, 245.8605

0.0000

327.2790,
356.3535, 297.5816

■ 0.0000, 0.1308,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.4829, 58.7999,
38.7204

■ 52.4829, 58.7999,
38.7204

■ 50.8253, 58.1263,
30.5509

■ 54.4348, 59.5952,
48.4246

■ 49.4425, 57.5607,
23.8339

■ 56.6902, 60.5100,
59.7324

■ 48.3199, 57.0992,
18.4856

■ 59.2636, 61.5520,
72.7132

■ 47.4396, 56.7347,
14.4118

■ 62.1671, 62.7260,
87.4311

■ 46.7815, 56.4590,
11.5064

■ 65.3310, 64.0043,
103.5185

■ 46.3222, 56.2629,
9.6466

■ 65.4411, 64.0610,
103.5236

■ 46.0331, 56.1349,
8.6817

■ 65.5515, 64.1180,
103.5288

■ 45.9316, 56.0887,
8.4053

■ 65.6622, 64.1750,
103.5340

■ 65.7731, 64.2322,
103.5392

Harmonies

Analogous

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



58.0802, 58.7999, 38.0050



52.4829, 58.7999, 38.7204



48.0951, 58.7999, 45.4795

Triad

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



52.4829, 58.7999, 38.7204



48.9691, 58.7999, 90.4436



67.2867, 58.7999, 70.4245

Complementary

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



52.4829, 58.7999, 38.7204



35.7394, 34.0619, 62.4519

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.



64.4792, 58.7999, 87.0255



52.4829, 58.7999, 38.7204



53.7508, 58.7999, 99.8224

Square

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



52.4829, 58.7999, 38.7204



46.1632, 58.7999, 74.5037



59.4363, 58.7999, 98.4751



66.8898, 58.7999, 54.5746

Rectangle

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



52.4829, 58.7999, 38.7204



46.3280, 58.7999, 53.2624



59.4363, 58.7999, 98.4751



66.6792, 58.7999, 76.1435

Sweetspot

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



52.4844, 58.8025, 38.7216



91.7928, 98.6804, 92.5038



42.4622, 38.3477, 35.3017



19.5245, 21.0718, 19.1825



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.



52.4844, 58.8025, 38.7216



84.5444, 95.7351, 56.4059



45.9740, 55.4463, 38.4170



12.1316, 13.0852, 11.9657



28.6024, 34.9204, 5.2328



1.4825, 1.8051, 0.2703

Inverse Universe

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



35.7394, 34.0619, 62.4519



52.8874, 48.9608, 101.2707



41.2038, 36.8789, 62.7076



10.6215, 10.8542, 14.1056



6.9001, 2.7647, 36.1262



0.3632, 0.1463, 1.8640

Previews

White Background



This preview shows how the XYZ color 52.4829, 58.7999, 38.7204 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 52.4829, 58.7999, 38.7204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

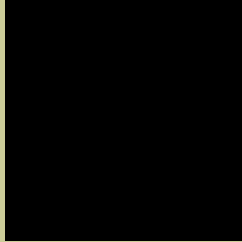
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

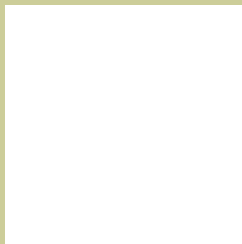
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4829, 58.7999, 38.7204

Background



This preview shows how black text looks on a background with the XYZ color 52.4829, 58.7999, 38.7204.



This preview shows how white text looks on a background with the XYZ color 52.4829, 58.7999,

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

52.4829, 58.7999, 38.7204

Protanopia

54.7915, 58.6066, 37.7025

Deuteranopia

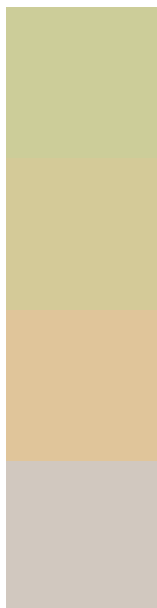
59.5784, 58.3394, 39.1308



Tritanopia

59.1279, 58.7336, 71.1711

Trichromacy



Original Color

52.4829, 58.7999, 38.7204

Protanomaly

53.9394, 58.5051, 38.1555

Deuteranomaly

56.5395, 58.1129, 38.8088

Tritanomaly

56.3527, 58.6255, 57.6360

Monochromacy



Original Color

52.4829, 58.7999, 38.7204

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.4175, 57.5682, 52.5523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4829, 58.7999, 38.7204 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(204, 205, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 205, 153)  
}
```

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(204, 205, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 205, 153) }
```

Border

The CSS property to change the border of an element to XYZ 52.4829, 58.7999, 38.7204 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(204, 205, 153) }
```


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

```
.border{ border-color:rgb(204, 205, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 205, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 205, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 205, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 205,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4829, 58.7999, 38.7204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 205, 153) }
```

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

```
.background{ background-color: rgb(204,  
205, 153) }
```

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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