

Converting Colors

XYZ(52.6331, 57.5752, 33.9302)

Have a look what the booklet for
XYZ(52.6331, 57.5752, 33.9302)
contains.

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Color

**XYZ(52.6331, 57.5752,
33.9302)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C98E
RGB	211, 201, 142
RGB Percent	83%, 79%, 56%
CMY	0.1725, 0.2117, 0.4431
CMYK	0.00, 0.05, 0.33, 0.17
HSL	51°, 44%, 69%
HSV	51°, 33%, 83%
XYZ	52.6331, 57.5752, 33.9302
YIQ	197.2640, 24.8990, -16.2290

Conversions

Conversions Part 2

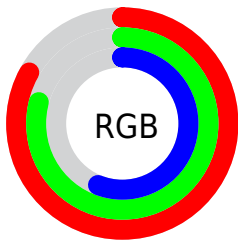
Format	Color
RYB	154, 211, 142
Decimal	13879694
CIELab	80.50, -5.37, 30.79
CIELCh	81, 31.253, 99.885
Yxy	57.5752, 0.3652, 0.3994
Android (android.graphics.Color)	4292069774 (0xFFD3C98E)
YUV	197.2640, -27.2452, 12.0465
Hunter-Lab	75.8783, -8.9703, 26.6024

Details

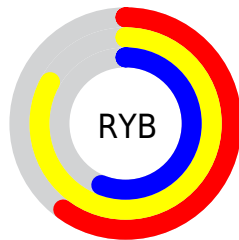
The XYZ color **52.6331, 57.5752, 33.9302** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.1412, 32.9094, 66.1808**, and the grayscale version is **53.3807, 56.1607, 61.1590**.

A 20% lighter version of the original color is **86.9638, 96.7655, 66.3187**, and **25.8396, 28.5913, 14.0543** is the 20% darker color. If you saturate the color by 10%, you get **50.4916, 55.5919, 26.1267**, and if you desaturate by 10%, it is **55.0916, 59.7121, 43.3201**.

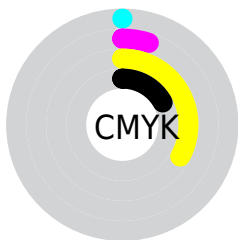
Distribution



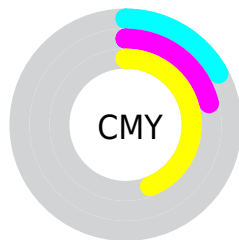
- Red (83%)
- Green (79%)
- Blue (56%)



- Red (60%)
- Yellow (83%)
- Blue (56%)



- Cyan (0%)
- Magenta (5%)
- Yellow (33%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6331, 57.5752, 33.9302 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 52.6331, 57.5752, 33.9302 by changing the saturation by 10% instead.

■ 52.6331, 57.5752,
33.9302

■ 52.6331, 57.5752,
33.9302

387.1598,
415.6012, 334.5804

■ 37.7363, 41.4672,
22.5631

■ 93.2330, 101.3040,
66.9578

■ 25.9543, 28.6843,
14.0689

■ 119.6667,
129.6936, 89.4553

■ 16.9220, 18.8422,
8.0293

150.6768,
162.9459, 116.5000

■ 10.2738, 11.5563,
4.0257

186.6286,
201.4452, 148.5104

■ 5.6446, 6.4423,
1.6394

227.8874,
245.5760, 185.9051

■ 2.6688, 3.1159,
0.3187

274.8187,

■ 0.9811, 1.1925,

295.7227, 229.1027

0.0000

327.7877,
352.2696, 278.5216

■ 0.0000, 0.0556,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6331, 57.5752,
33.9302

■ 52.6331, 57.5752,
33.9302

■ 50.4916, 55.5919,
26.1267

■ 55.0916, 59.7121,
43.3201

■ 48.6458, 53.7473,
19.8167

■ 57.8784, 62.0011,
54.3753

■ 47.0782, 52.0365,
14.9031

■ 61.0097, 64.4508,
67.1735

■ 45.7679, 50.4510,
11.2759

■ 64.4991, 67.0668,
81.7867

■ 44.6909, 48.9808,
8.8083

■ 68.3597, 69.8545,
98.2826

■ 43.8180, 47.6144,
7.3481

■ 70.3353, 71.9115,
104.7810

■ 43.2735, 46.6678,
6.7270

■ 71.1417, 73.5243,
105.0498

■ 71.9628, 75.1665,
105.3235

■ 72.7987, 76.8384,
105.6021

Harmonies

Analogous

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



59.0762, 57.5752, 35.0245



52.6331, 57.5752, 33.9302



47.1886, 57.5752, 39.3016

Triad

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



52.6331, 57.5752, 33.9302



45.7936, 57.5752, 88.1811



67.1426, 57.5752, 75.6404

Complementary

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



52.6331, 57.5752, 33.9302



34.1412, 32.9094, 66.1808

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.



63.0206, 57.5752, 93.8919



52.6331, 57.5752, 33.9302



50.5901, 57.5752, 102.0566

Square

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



52.6331, 57.5752, 33.9302



43.4488, 57.5752, 68.9519



56.8685, 57.5752, 104.3295



67.7972, 57.5752, 56.8184

Rectangle

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



52.6331, 57.5752, 33.9302



44.7318, 57.5752, 46.5829



56.8685, 57.5752, 104.3295



66.1021, 57.5752, 82.1373

Sweetspot

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



52.6346, 57.5778, 33.9314



90.0457, 96.1310, 88.3045



42.2336, 35.4740, 34.4782



19.1324, 20.4640, 18.3292



0.0000, 0.0000, 0.0000



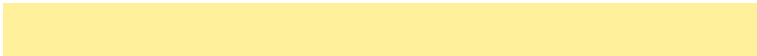
20.3446, 21.4041, 23.3091

Same Dimension

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



52.6346, 57.5778, 33.9314



78.5381, 86.3158, 43.7743



48.6339, 59.0876, 34.4337



12.6514, 13.4935, 12.5497



26.1737, 28.2805, 4.0792



1.5043, 1.6629, 0.2417

Inverse Universe

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



34.1412, 32.9094, 66.1808



46.0398, 42.9759, 100.4764



37.1888, 32.1730, 65.8780



11.2999, 11.6900, 14.9045



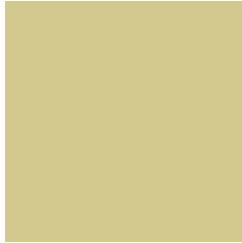
7.4304, 3.5073, 37.4779



0.4609, 0.2870, 2.1107

Previews

White Background



This preview shows how the XYZ color 52.6331, 57.5752, 33.9302 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 52.6331, 57.5752, 33.9302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

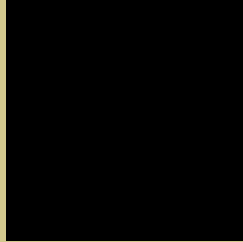
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6331, 57.5752, 33.9302

Background



This preview shows how black text looks on a background with the XYZ color 52.6331, 57.5752, 33.9302.



This preview shows how white text looks on a background with the XYZ color 52.6331, 57.5752,

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

52.6331, 57.5752, 33.9302

Protanopia

53.4863, 57.6787, 33.5134

Deuteranopia

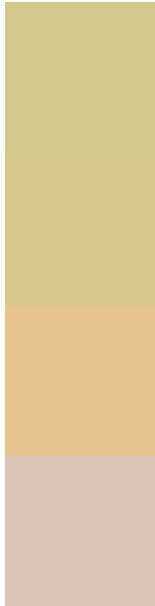
58.5899, 57.2797, 34.3536



Tritanopia

59.6685, 57.7541, 67.6773

Trichromacy



Original Color

52.6331, 57.5752, 33.9302

Protanomaly

53.1936, 57.5278, 33.4997

Deuteranomaly

56.4679, 57.5074, 34.1105

Tritanomaly

56.7106, 57.5395, 53.4647

Monochromacy



Original Color

52.6331, 57.5752, 33.9302

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4870, 56.1190, 49.6607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6331, 57.5752, 33.9302 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(211, 201, 142)` looks like.

```
.text, #text, p{  
    color:rgb(211, 201, 142)  
}
```

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(211, 201, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 201, 142) }
```

Border

The CSS property to change the border of an element to XYZ 52.6331, 57.5752, 33.9302 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(211, 201, 142) }
```


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

```
.border{ border-color:rgb(211, 201, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 201, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 201, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 201, 142);  
box-shadow:4px 4px 4px 4px rgb(211, 201,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6331, 57.5752, 33.9302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 201, 142) }
```

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

```
.background{ background-color: rgb(211,  
201, 142) }
```

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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