

Converting Colors

XYZ(52.4811, 58.2667, 34.1028)

Have a look what the booklet for
XYZ(52.4811, 58.2667, 34.1028)
contains.

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Color

**XYZ(52.5329, 58.2202,
34.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CB8E
RGB	209, 203, 142
RGB Percent	82%, 80%, 56%
CMY	0.1804, 0.2039, 0.4431
CMYK	0.00, 0.03, 0.32, 0.18
HSL	55°, 42%, 69%
HSV	55°, 32%, 82%
XYZ	52.5329, 58.2202, 34.0600
YIQ	197.8400, 23.1570, -17.6990

Conversions

Conversions Part 2

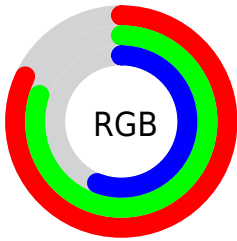
Format	Color
RYB	149, 209, 142
Decimal	13749134
CIELab	80.86, -7.17, 31.24
CIELCh	81, 32.049, 102.934
Yxy	58.2202, 0.3628, 0.4020
Android (android.graphics.Color)	4291939214 (0xFFD1CB8E)
YUV	197.8400, -27.5291, 9.7873
Hunter-Lab	76.3022, -10.6342, 26.9455

Details

The XYZ color **52.5329, 58.2202, 34.0600** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.2536, 31.5331, 64.6555**, and the grayscale version is **53.7326, 56.5309, 61.5622**.

A 20% lighter version of the original color is **86.9638, 96.7655, 66.3187**, and **25.9622, 29.1202, 14.1499** is the 20% darker color. If you saturate the color by 10%, you get **50.6702, 56.7748, 26.4100**, and if you desaturate by 10%, it is **54.6981, 59.7992, 43.2638**.

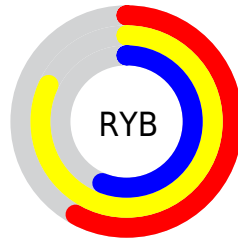
Distribution



Red (82%)

Green (80%)

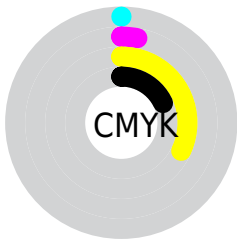
Blue (56%)



Red (58%)

Yellow (82%)

Blue (56%)

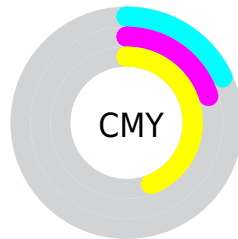


Cyan (0%)

Magenta (3%)

Yellow (32%)

Black (18%)



Cyan (18%)

Magenta (20%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5329, 58.2202, 34.0600 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 52.5329, 58.2202, 34.0600 by changing the saturation by 10% instead.

■ 52.5329, 58.2202,
34.0600

■ 52.5329, 58.2202,
34.0600

386.7807,
418.0059, 335.1768

■ 37.6560, 41.9857,
22.6620

■ 93.0863, 102.2435,
67.1619

■ 25.8918, 29.0901,
14.1412

■ 119.4934,
130.8010, 89.7029

■ 16.8750, 19.1490,
8.0790

■ 150.4747,
164.2350, 116.7953

■ 10.2401, 11.7780,
4.0571

186.3955,
202.9299, 148.8575

■ 5.6220, 6.5927,
1.6567

227.6212,
247.2700, 186.3083

■ 2.6551, 3.2087,
0.3308

274.5170,

■ 0.9741, 1.2416,

297.6398, 229.5661

0.0000

327.4484,
354.4237, 279.0494

■ 0.0000, 0.0953,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.5329, 58.2202,
34.0600

■ 52.5329, 58.2202,
34.0600

■ 50.6702, 56.7748,
26.4100

■ 54.6981, 59.7992,
43.2638

■ 49.0891, 55.4485,
20.2233


■ 57.1767, 61.5101,
54.0977

■ 47.7730, 54.2366,
15.4057


■ 59.9842, 63.3612,
66.6376

■ 46.7016, 53.1311,
11.8507


■ 63.1340, 65.3577,
80.9532

 45.8516, 52.1225,
9.4359


 66.6387, 67.5049,
97.1108


 45.1952, 51.1997,
8.0146

 68.4482, 68.9826,
104.3151

 44.7730, 50.5124,
7.3901

 68.9248, 69.9360,
104.4740

 69.4069, 70.9002,
104.6347

 69.8945, 71.8753,
104.7972

Harmonies

Analogous

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



59.1612, 58.2202, 34.5121



52.5329, 58.2202, 34.0600



47.1023, 58.2202, 40.2502

Triad

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



52.5329, 58.2202, 34.0600



46.5212, 58.2202, 91.6427



68.4347, 58.2202, 74.7169

Complementary

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



52.5329, 58.2202, 34.0600



33.2536, 31.5331, 64.6555

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.



64.4786, 58.2202, 94.0420



52.5329, 58.2202, 34.0600



51.6804, 58.2202, 105.0731

Square

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



52.5329, 58.2202, 34.0600



43.8225, 58.2202, 71.9168



58.2382, 58.2202, 106.0297



68.7090, 58.2202, 55.5688

Rectangle

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



52.5329, 58.2202, 34.0600



44.7468, 58.2202, 48.1936



58.2382, 58.2202, 106.0297



67.4777, 58.2202, 81.4903

Sweetspot

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



52.5344, 58.2228, 34.0612



90.4892, 97.0180, 88.4524



41.3688, 35.0623, 32.8964



19.2405, 20.6801, 18.3653



0.0000, 0.0000, 0.0000



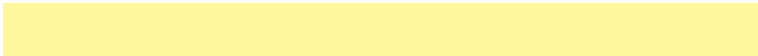
20.3446, 21.4041, 23.3091

Same Dimension

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



52.5344, 58.2228, 34.0612



80.4764, 89.8446, 45.4931



47.0220, 57.5235, 34.2168



12.7092, 13.6091, 12.5690



27.6432, 31.2195, 4.5690



1.5727, 1.7998, 0.2645

Inverse Universe

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



33.2536, 31.5331, 64.6555



45.9468, 42.0525, 100.3030



37.5015, 32.3631, 64.5918



11.2475, 11.5853, 14.8870



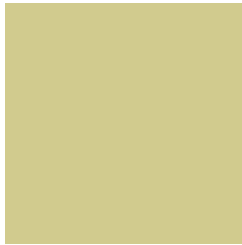
7.2675, 3.1816, 37.4236



0.4364, 0.2379, 2.1025

Previews

White Background



This preview shows how the XYZ color 52.5329, 58.2202, 34.0600 looks on a white background.

Color Contrast Check

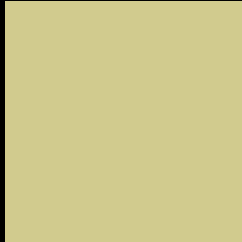
Large Text (above 18pt) WCAG AA × Fail

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 52.5329, 58.2202, 34.0600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

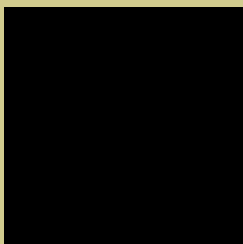
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

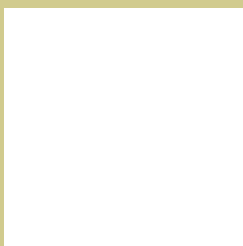
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5329, 58.2202, 34.0600

Background



This preview shows how black text looks on a background with the XYZ color 52.5329, 58.2202, 34.0600.



This preview shows how white text looks on a background with the XYZ color 52.5329, 58.2202,

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

52.5329, 58.2202, 34.0600

Protanopia

54.3096, 58.4481, 33.6185

Deuteranopia

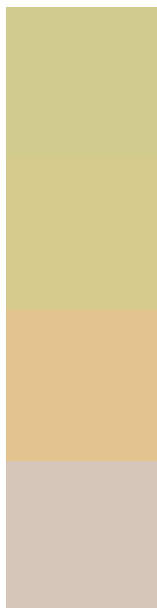
59.1436, 57.8900, 34.4422



Tritanopia

59.5399, 57.9884, 69.0276

Trichromacy



Original Color

52.5329, 58.2202, 34.0600

Protanomaly

53.6598, 58.4603, 33.6551

Deuteranomaly

56.3764, 57.7939, 34.1706

Tritanomaly

56.4548, 57.7314, 54.0667

Monochromacy



Original Color

52.5329, 58.2202, 34.0600

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0473, 57.0795, 50.3410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5329, 58.2202, 34.0600 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(209, 203, 142)` looks like.

```
.text, #text, p{  
    color:rgb(209, 203, 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(209, 203, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 203, 142) }
```

Border

The CSS property to change the border of an element to XYZ 52.5329, 58.2202, 34.0600 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(209, 203, 142) }
```


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

```
.border{ border-color:rgb(209, 203, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 203, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 203, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 203, 142);  
box-shadow:4px 4px 4px 4px rgb(209, 203,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5329, 58.2202, 34.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 203, 142) }
```

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

```
.background{ background-color: rgb(209,  
203, 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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