

Converting Colors

XYZ(53.2166, 58.4711, 33.6665)

Have a look what the booklet for
XYZ(53.2166, 58.4711, 33.6665)
contains.

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Color

**XYZ(53.3150, 58.6320,
33.7064)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CB8D
RGB	212, 203, 141
RGB Percent	83%, 80%, 55%
CMY	0.1686, 0.2039, 0.4471
CMYK	0.00, 0.04, 0.33, 0.17
HSL	52°, 45%, 69%
HSV	52°, 33%, 83%
XYZ	53.3150, 58.6320, 33.7064
YIQ	198.6230, 25.2660, -17.3740

Conversions

Conversions Part 2

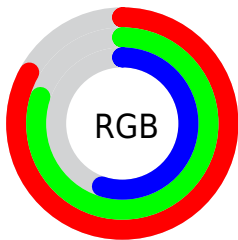
Format	Color
RYB	151, 212, 141
Decimal	13945741
CIELab	81.09, -6.13, 32.10
CIElCh	81, 32.680, 100.810
Yxy	58.6320, 0.3660, 0.4025
Android (android.graphics.Color)	4292135821 (0xFFD4CB8D)
YUV	198.6230, -28.4081, 11.7316
Hunter-Lab	76.5715, -9.7147, 27.5009

Details

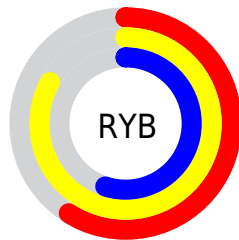
The XYZ color **53.3150, 58.6320, 33.7064** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.7743, 32.2279, 66.7279**, and the grayscale version is **54.2142, 57.0375, 62.1139**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **26.3032, 29.3010, 13.9422** is the 20% darker color. If you saturate the color by 10%, you get **51.2579, 56.8051, 25.9693**, and if you desaturate by 10%, it is **55.6880, 60.6070, 43.0399**.

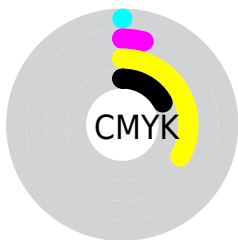
Distribution



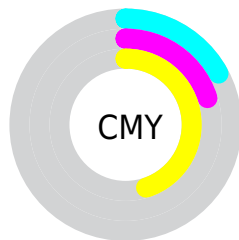
- Red (83%)
- Green (80%)
- Blue (55%)



- Red (59%)
- Yellow (83%)
- Blue (55%)



- Cyan (0%)
- Magenta (4%)
- Yellow (33%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3150, 58.6320, 33.7064 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 53.3150, 58.6320, 33.7064 by changing the saturation by 10% instead.

■ 53.3150, 58.6320,
33.7064

■ 53.3150, 58.6320,
33.7064

389.7336,
419.5368, 333.5500

■ 38.2828, 42.3170,
22.3926

■ 94.2305, 102.8426,
66.6055

■ 26.3804, 29.3496,
13.9446

■ 120.8445,
131.5070, 89.0279

■ 17.2426, 19.3454,
7.9438

■ 152.0499,
165.0566, 115.9902

■ 10.5040, 11.9201,
3.9718

188.2119,
203.8758, 147.9111

■ 5.7992, 6.6893,
1.6099

229.6959,
248.3490, 185.2089

■ 2.7629, 3.2686,
0.2978

276.8673,

■ 1.0296, 1.2735,

298.8607, 228.3023

0.0000

330.0914,
355.7951, 277.6098

■ 0.0000, 0.1205,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.3150, 58.6320,
33.7064

■ 53.3150, 58.6320,
33.7064

■ 51.2579, 56.8051,
25.9693

■ 55.6880, 60.6070,
43.0399

■ 49.4950, 55.1114,
19.7338

■ 58.3884, 62.7285,
54.0498

■ 48.0087, 53.5456,
14.9008

■ 61.4327, 65.0053,
66.8155

■ 46.7775, 52.0992,
11.3581

■ 64.8346, 67.4431,
81.4098

■ 45.7767, 50.7622,
8.9757

■ 68.6075, 70.0471,
97.9017

■ 44.9765, 49.5226,
7.5968

■ 70.5642, 71.9427,
104.7749

■ 44.5302, 48.7546,
7.0636

■ 71.2711, 73.3565,
105.0106

■ 71.9893, 74.7929,
105.2500

■ 72.7190, 76.2522,
105.4932

Harmonies

Analogous

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



60.1304, 58.6320, 34.6386



53.3150, 58.6320, 33.7064



47.6235, 58.6320, 39.5163

Triad

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



53.3150, 58.6320, 33.7064



46.4191, 58.6320, 91.5272



68.9897, 58.6320, 76.9358

Complementary

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



53.3150, 58.6320, 33.7064



33.7743, 32.2279, 66.7279

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.



64.7033, 58.6320, 96.5275



53.3150, 58.6320, 33.7064



51.5458, 58.6320, 106.0637

Square

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



53.3150, 58.6320, 33.7064



43.8626, 58.6320, 71.1129



58.2126, 58.6320, 108.0596



69.5606, 58.6320, 57.0812

Rectangle

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



53.3150, 58.6320, 33.7064



45.0897, 58.6320, 47.2862



58.2126, 58.6320, 108.0596



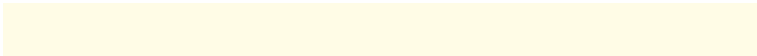
67.9202, 58.6320, 83.8668

Sweetspot

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



53.3165, 58.6347, 33.7076



90.1909, 96.4212, 88.3529



42.2194, 35.2645, 33.6338



19.1678, 20.5347, 18.3410



0.0000, 0.0000, 0.0000



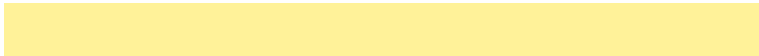
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3165, 58.6347, 33.7076



78.7651, 87.1106, 42.7997



48.5931, 59.4451, 34.1130



13.3324, 14.2389, 13.2064



27.5419, 30.2011, 4.3778



1.6996, 1.8984, 0.2768

Inverse Universe

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



33.7743, 32.2279, 66.7279



44.8089, 41.2364, 100.2055



37.3525, 32.0231, 66.4997



11.8681, 12.2597, 15.6784



7.6166, 3.4949, 38.7263



0.5021, 0.2962, 2.3500

Previews

White Background



This preview shows how the XYZ color 53.3150, 58.6320, 33.7064 looks on a white background.

Color Contrast Check

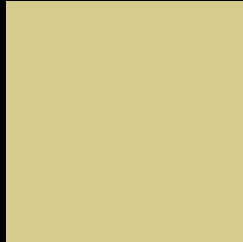
Large Text (above 18pt) WCAG AA × Fail

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 53.3150, 58.6320, 33.7064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

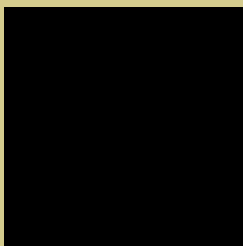
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

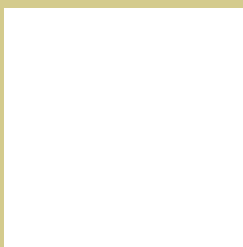
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3150, 58.6320, 33.7064

Background



This preview shows how black text looks on a background with the XYZ color 53.3150, 58.6320, 33.7064.



This preview shows how white text looks on a background with the XYZ color 53.3150, 58.6320,

33.7064.

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

53.3150, 58.6320, 33.7064

Protanopia

54.2355, 58.4185, 33.2283

Deuteranopia

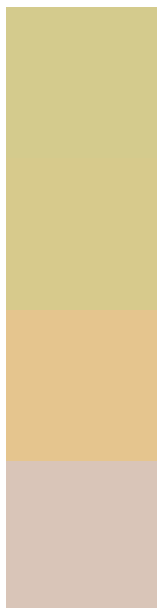
59.6245, 58.4738, 34.1306



Tritanopia

60.3156, 58.4027, 68.4155

Trichromacy



Original Color

53.3150, 58.6320, 33.7064

Protanomaly

53.8785, 58.5816, 33.2786

Deuteranomaly

57.1618, 58.5435, 33.8785

Tritanomaly

57.2333, 58.1449, 53.5540

Monochromacy



Original Color

53.3150, 58.6320, 33.7064

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.5920, 57.3603, 50.3665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3150, 58.6320, 33.7064 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(212, 203, 141)` looks like.

```
.text, #text, p{  
    color:rgb(212, 203, 141)  
}
```

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(212, 203, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 203, 141) }
```

Border

The CSS property to change the border of an element to XYZ 53.3150, 58.6320, 33.7064 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(212, 203, 141) }
```


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

```
.border{ border-color:rgb(212, 203, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 203, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 203, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 203, 141);  
box-shadow:4px 4px 4px 4px rgb(212, 203,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3150, 58.6320, 33.7064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 203, 141) }
```

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

```
.background{ background-color: rgb(212,  
203, 141) }
```

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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