

Converting Colors

XYZ(53.5513, 58.7006, 35.4038)

Have a look what the booklet for
XYZ(53.5513, 58.7006, 35.4038)
contains.

XYZ(53.6181, 58.7533, 35.3026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.6181, 58.7533,
35.3026)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CB91
RGB	212, 203, 145
RGB Percent	83%, 80%, 57%
CMY	0.1686, 0.2039, 0.4314
CMYK	0.00, 0.04, 0.32, 0.17
HSL	52°, 44%, 70%
HSV	52°, 32%, 83%
XYZ	53.6181, 58.7533, 35.3026
YIQ	199.0790, 23.9820, -16.1300

Conversions

Conversions Part 2

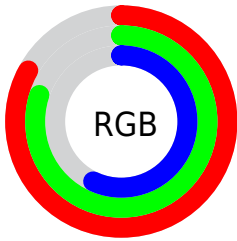
Format	Color
R _{YB}	155, 212, 145
Decimal	13945745
CIE _{Lab}	81.16, -5.64, 30.11
CIE _{LCh}	81, 30.636, 100.604
Yxy	58.7533, 0.3631, 0.3979
Android (android.graphics.Color)	4292135825 (0xFFD4CB91)
YUV	199.0790, -26.6609, 11.3317
Hunter-Lab	76.6507, -9.2758, 26.3486

Details

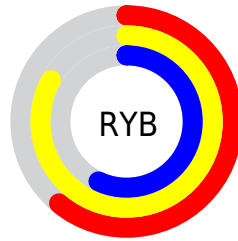
The XYZ color **53.6181, 58.7533, 35.3026** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.1160, 33.8833, 66.9766**, and the grayscale version is **54.4835, 57.3209, 62.4224**.

A 20% lighter version of the original color is **87.3088, 96.9035, 68.1354**, and **26.4781, 29.3710, 14.8633** is the 20% darker color. If you saturate the color by 10%, you get **51.4682, 56.8298, 27.2598**, and if you desaturate by 10%, it is **56.0884, 60.8288, 44.9585**.

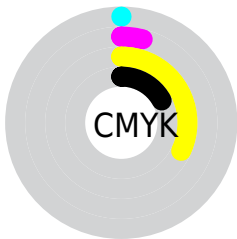
Distribution



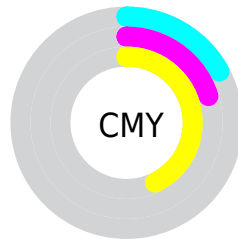
- Red (83%)
- Green (80%)
- Blue (57%)



- Red (61%)
- Yellow (83%)
- Blue (57%)



- Cyan (0%)
- Magenta (4%)
- Yellow (32%)
- Black (17%)





- Cyan (17%)
- Magenta (20%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6181, 58.7533, 35.3026 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 53.6181, 58.7533, 35.3026 by changing the saturation by 10% instead.


 53.6181, 58.7533,
35.3026


 53.6181, 58.7533,
35.3026


390.8742,
419.9871, 340.8467

 38.5259, 42.4146,
23.6106


 94.6735, 103.0190,
69.1112

 26.5702, 29.4260,
14.8355


 121.3673,
131.7148, 92.0648

 17.3856, 19.4033,
8.5587


152.6591,
165.2984, 119.6095

 10.6068, 11.9621,
4.3616

188.9141,
204.1541, 152.1637

 5.8684, 6.7179,
1.8257

230.4978,
248.6665, 190.1460

 2.8051, 3.2863,
0.4449

277.7755,

 1.0516, 1.2830,

299.2199, 233.9749

0.0000

331.1125,
356.1986, 284.0690

0.0000, 0.1280,
0.0000

0.0000, 0.0000,
0.0000

53.6181, 58.7533,
35.3026

53.6181, 58.7533,
35.3026

51.4682, 56.8298,
27.2598

56.0884, 60.8288,
44.9585

49.6171, 55.0434,
20.7368

58.8904, 63.0548,
56.3066

48.0477, 53.3892,
15.6366

62.0403, 65.4399,
69.4248

46.7390, 51.8587,
11.8493

65.5518, 67.9897,
84.3855

■ 45.6669, 50.4423,
9.2491

■ 69.4379, 70.7095,
101.2568

■ 44.8030, 49.1282,
7.6851

■ 70.8160, 72.4463,
104.8589

■ 44.1964, 48.0871,
6.9523

■ 71.5697, 73.9537,
105.1101

■ 72.3362, 75.4867,
105.3656

■ 73.1155, 77.0454,
105.6254

Harmonies

Analogous

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



60.0129, 58.7533, 36.2478



53.6181, 58.7533, 35.3026



48.2406, 58.7533, 40.8530

Triad

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



53.6181, 58.7533, 35.3026



47.0457, 58.7533, 89.6432



68.2195, 58.7533, 76.3508

Complementary

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



53.6181, 58.7533, 35.3026



35.1160, 33.8833, 66.9766

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.



64.2055, 58.7533, 94.4921



53.6181, 58.7533, 35.3026



51.8713, 58.7533, 103.1197

Square

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



53.6181, 58.7533, 35.3026



44.6423, 58.7533, 70.6514



58.1291, 58.7533, 105.0459



68.7766, 58.7533, 57.7281

Rectangle

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



53.6181, 58.7533, 35.3026



45.8315, 58.7533, 48.2445



58.1291, 58.7533, 105.0459



67.2161, 58.7533, 82.7933

Sweetspot

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



53.6196, 58.7560, 35.3038



90.5976, 96.6590, 90.2632



43.1978, 36.6167, 35.8240



19.2465, 20.5775, 18.7208



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.



53.6196, 58.7560, 35.3038



79.1698, 87.2313, 45.0575



49.5294, 59.8927, 35.7388



13.3241, 14.2223, 13.2036



27.3384, 29.7940, 4.3099



1.6892, 1.8776, 0.2734

Inverse Universe

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



35.1160, 33.8833, 66.9766



46.7536, 43.6660, 100.5719



38.2540, 33.3793, 66.7139



11.8757, 12.2748, 15.6809



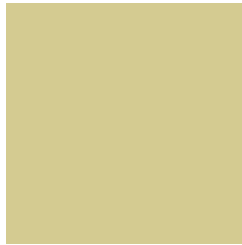
7.6415, 3.5448, 38.7346



0.5057, 0.3033, 2.3512

Previews

White Background



This preview shows how the XYZ color 53.6181, 58.7533, 35.3026 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 53.6181, 58.7533, 35.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

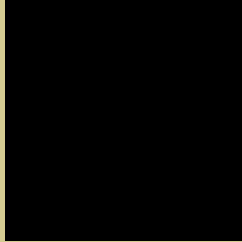
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6181, 58.7533, 35.3026

Background



This preview shows how black text looks on a background with the XYZ color 53.6181, 58.7533, 35.3026.



This preview shows how white text looks on a background with the XYZ color 53.6181, 58.7533,

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

53.6181, 58.7533, 35.3026

Protanopia

54.5360, 58.5386, 34.8103

Deuteranopia

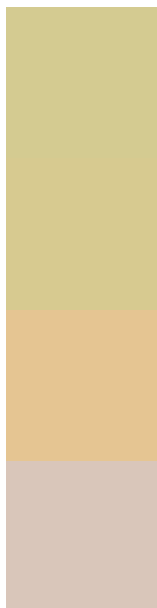
59.9330, 58.5972, 35.7553



Tritanopia

60.6632, 58.8990, 69.1441

Trichromacy



Original Color

53.6181, 58.7533, 35.3026

Protanomaly

54.1789, 58.7017, 34.8606

Deuteranomaly

57.4677, 58.6658, 35.4889

Tritanomaly

57.6723, 58.6851, 54.7421

Monochromacy



Original Color

53.6181, 58.7533, 35.3026

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.6928, 57.4006, 50.8973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6181, 58.7533, 35.3026 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 203, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 203, 145) }
```

Border

The CSS property to change the border of an element to XYZ 53.6181, 58.7533, 35.3026 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, 145) }
```


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

```
.border{ border-color:rgb(212, 203, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 203, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 203, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 203,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6181, 58.7533, 35.3026 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, 145) }
```

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

```
.background{ background-color: rgb(212,  
203, 145) }
```

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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