

Converting Colors

XYZ(53.2684, 56.3794, 51.8389)

Have a look what the booklet for
XYZ(53.2684, 56.3794, 51.8389)
contains.

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Color

**XYZ(53.4364, 56.5617,
51.8172)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC6B5
RGB	204, 198, 181
RGB Percent	80%, 78%, 71%
CMY	0.2000, 0.2235, 0.2902
CMYK	0.00, 0.03, 0.11, 0.20
HSL	44°, 18%, 75%
HSV	44°, 11%, 80%
XYZ	53.4364, 56.5617, 51.8172
YIQ	197.8560, 9.0330, -4.0150

Conversions

Conversions Part 2

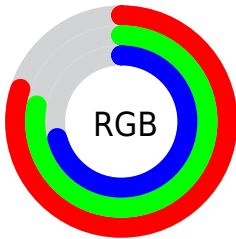
Format	Color
R_{YB}	189, 204, 181
Decimal	13420213
CIE Lab	79.93, -0.83, 9.25
CIE LCh	80, 9.291, 95.137
Yxy	56.5617, 0.3302, 0.3495
Android (android.graphics.Color)	4291610293 (0xFFCCC6B5)
YUV	197.8560, -8.3100, 5.3883
Hunter-Lab	75.2075, -4.7854, 11.7951

Details

The XYZ color **53.4364, 56.5617, 51.8172** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7254, 49.7232, 64.2094**, and the grayscale version is **53.6353, 56.4286, 61.4507**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **26.4472, 27.9891, 24.4306** is the 20% darker color. If you saturate the color by 10%, you get **50.3008, 53.3982, 41.1900**, and if you desaturate by 10%, it is **56.9244, 59.9382, 64.0754**.

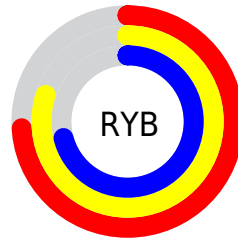
Distribution



Red (80%)

Green (78%)

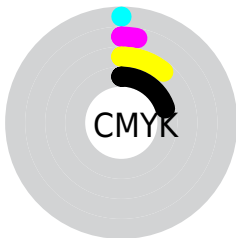
Blue (71%)



Red (74%)

Yellow (80%)

Blue (71%)

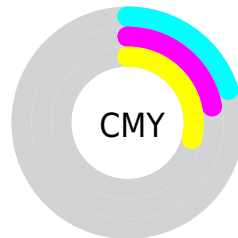


Cyan (0%)

Magenta (3%)

Yellow (11%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4364, 56.5617, 51.8172 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 53.4364, 56.5617, 51.8172 by changing the saturation by 10% instead.

■ 53.4364, 56.5617,
51.8172

■ 53.4364, 56.5617,
51.8172

390.1907,
411.8049, 410.6673

■ 38.3801, 40.6534,
36.4782

■ 94.4080, 99.8254,
94.2854

■ 26.4564, 28.0484,
24.5111

121.0540,
127.9496, 122.2517

■ 17.2999, 18.3621,
15.4975

152.2940,
160.9146, 155.2641

■ 10.5451, 11.2103,
9.0188

188.4932,
199.1047, 193.7412

■ 5.8269, 6.2085,
4.6565

230.0172,
242.9044, 238.1015

■ 2.7798, 2.9723,
1.9920

277.2312,

■ 1.0384, 1.1173,

292.6981, 288.7636

0.5503

330.5006,
348.8701, 346.1461

■ 0.0000, 0.0000,
0.0000

■ 53.4364, 56.5617,
51.8172

■ 53.4364, 56.5617,
51.8172

■ 50.3008, 53.3982,
41.1900

■ 56.9244, 59.9382,
64.0754

■ 47.4991, 50.4341,
32.1202

■ 60.7729, 63.5260,
78.0267

■ 45.0184, 47.6652,
24.5337

■ 64.9958, 67.3332,
93.7344

■ 42.8427, 45.0845,
18.3493

■ 68.3562, 70.8658,
104.6834

■ 40.9545, 42.6843,
13.4777

■ 69.7683, 73.6899,
105.1541

■ 39.3347, 40.4562,
9.8193

■ 71.2251, 76.6036,
105.6398

■ 37.9611, 38.3906,
7.2601

■ 72.7271, 79.6076,
106.1404

■ 36.8075, 36.4762,
5.6644

■ 74.2747, 82.7027,
106.6563

■ 35.9394, 34.9122,
4.8445

■ 75.8682, 85.8897,
107.1874

Harmonies

Analogous

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



55.2982, 56.5617, 52.6417



53.4364, 56.5617, 51.8172



51.7015, 56.5617, 53.4830

Triad

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



53.4364, 56.5617, 51.8172



50.8509, 56.5617, 67.7541



57.1155, 56.5617, 66.0534

Complementary

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



53.4364, 56.5617, 51.8172



47.7254, 49.7232, 64.2094

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.



55.8728, 56.5617, 70.4688



53.4364, 56.5617, 51.8172



52.2510, 56.5617, 71.4903

Square

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



53.4364, 56.5617, 51.8172



50.2312, 56.5617, 62.5200



54.0853, 56.5617, 72.5115



57.4507, 56.5617, 60.6615

Rectangle

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



53.4364, 56.5617, 51.8172



50.8413, 56.5617, 55.8422



54.0853, 56.5617, 72.5115



56.7887, 56.5617, 67.7109

Sweetspot

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



53.4379, 56.5642, 51.8184



93.2096, 98.2512, 102.3308



50.4103, 49.4795, 53.9830



19.8474, 20.9309, 21.5366



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.



53.4379, 56.5642, 51.8184



86.9282, 92.1152, 80.4235



53.3900, 58.6145, 52.2167



11.8967, 12.5824, 11.8811



22.6994, 22.1318, 3.0755



1.2305, 1.2606, 0.1785

Inverse Universe

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



47.7254, 49.7232, 64.2094



75.2644, 78.1480, 105.7250



47.7626, 47.8933, 63.8542



10.8356, 11.3116, 14.1826



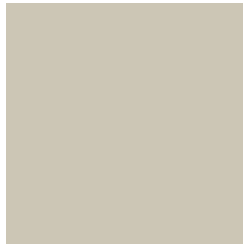
7.7316, 4.4871, 36.4149



0.4621, 0.3580, 1.8997

Previews

White Background



This preview shows how the XYZ color 53.4364, 56.5617, 51.8172 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 53.4364, 56.5617, 51.8172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

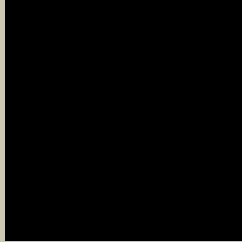
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4364, 56.5617, 51.8172

Background



This preview shows how black text looks on a background with the XYZ color 53.4364, 56.5617, 51.8172.



This preview shows how white text looks on a background with the XYZ color 53.4364, 56.5617,

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

53.4364, 56.5617, 51.8172

Protanopia

53.7603, 56.3905, 51.7670

Deuteranopia

57.5057, 56.3270, 52.0973



Tritanopia

56.8128, 56.5969, 68.2515

Trichromacy



Original Color

53.4364, 56.5617, 51.8172

Protanomaly

53.4836, 56.2478, 51.7541

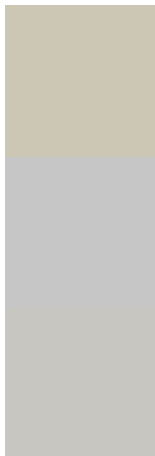
Deuteranomaly

56.0542, 56.5599, 52.2187

Tritanomaly

55.5560, 56.4191, 61.9947

Monochromacy



Original Color

53.4364, 56.5617, 51.8172

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5279, 56.4733, 57.9484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4364, 56.5617, 51.8172 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, 198, 181)` looks like.

```
.text, #text, p{  
    color:rgb(204, 198, 181)  
}
```

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, 198, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 198, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.4364, 56.5617, 51.8172 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, 198, 181) }
```


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

```
.border{ border-color:rgb(204, 198, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 198, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 198, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 198, 181);  
box-shadow:4px 4px 4px 4px rgb(204, 198,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4364, 56.5617, 51.8172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 198, 181) }
```

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

```
.background{ background-color: rgb(204,  
198, 181) }
```

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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