

Converting Colors

XYZ(53.2497, 56.6813, 52.0734)

Have a look what the booklet for
XYZ(53.2497, 56.6813, 52.0734)
contains.

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Color

**XYZ(53.3925, 56.8796,
51.8808)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC7B5
RGB	203, 199, 181
RGB Percent	80%, 78%, 71%
CMY	0.2039, 0.2196, 0.2902
CMYK	0.00, 0.02, 0.11, 0.20
HSL	49°, 17%, 75%
HSV	49°, 11%, 80%
XYZ	53.3925, 56.8796, 51.8808
YIQ	198.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

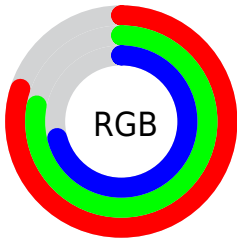
Format	Color
RYB	186, 203, 181
Decimal	13354933
CIELab	80.11, -1.72, 9.50
CIElCh	80, 9.653, 100.253
Yxy	56.8796, 0.3293, 0.3508
Android (android.graphics.Color)	4291545013 (0xFFCBC7B5)
YUV	198.1440, -8.4520, 4.2587
Hunter-Lab	75.4186, -5.6136, 12.0071

Details

The XYZ color **53.3925, 56.8796, 51.8808** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1843, 48.8324, 63.4391**, and the grayscale version is **53.8117, 56.6141, 61.6527**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **26.4161, 28.1989, 24.4727** is the 20% darker color. If you saturate the color by 10%, you get **50.6220, 54.4323, 41.4187**, and if you desaturate by 10%, it is **56.4902, 59.4944, 63.9507**.

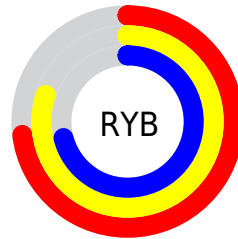
Distribution



Red (80%)

Green (78%)

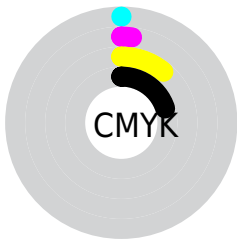
Blue (71%)



Red (73%)

Yellow (80%)

Blue (71%)

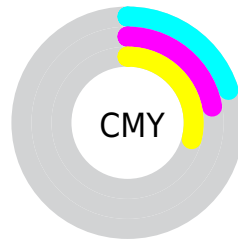


Cyan (0%)

Magenta (2%)

Yellow (11%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3925, 56.8796, 51.8808 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 53.3925, 56.8796, 51.8808 by changing the saturation by 10% instead.

■ 53.3925, 56.8796,
51.8808

■ 53.3925, 56.8796,
51.8808

390.0254,
412.9980, 410.9201

■ 38.3449, 40.9086,
36.5285

■ 94.3438, 100.2895,
94.3802

■ 26.4289, 28.2477,
24.5497

120.9783,
128.4971, 122.3644

■ 17.2792, 18.5124,
15.5259

152.2057,
161.5525, 155.3963

■ 10.5303, 11.3185,
9.0386

188.3915,
199.8399, 193.8944

■ 5.8169, 6.2815,
4.6692

229.9010,
243.7437, 238.2773

■ 2.7736, 3.0170,
1.9992

277.0996,

■ 1.0352, 1.1406,

293.6484, 288.9635

0.5548

330.3526,
349.9384, 346.3716

■ 0.0000, 0.0124,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.3925, 56.8796,
51.8808

■ 53.3925, 56.8796,
51.8808

■ 50.6220, 54.4323,
41.4187

■ 56.4902, 59.4944,
63.9507

■ 48.1609, 52.1395,
32.4920

■ 59.9229, 62.2745,
77.6895

■ 45.9965, 49.9978,
25.0278

■ 63.7039, 65.2273,
93.1596

■ 44.1135, 48.0009,
18.9463

■ 66.6629, 67.8848,
104.1973

■ 42.4951, 46.1418,
14.1597

■ 67.6052, 69.7694,
104.5114

■ 41.1226, 44.4128,
10.5702

■ 68.5687, 71.6965,
104.8326

■ 39.9747, 42.8051,
8.0662

■ 69.5537, 73.6663,
105.1609

■ 39.0260, 41.3083,
6.5148

■ 70.5601, 75.6792,
105.4964

■ 38.2889, 40.0169,
5.7060

■ 71.5882, 77.7355,
105.8391

Harmonies

Analogous

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



55.3493, 56.8796, 52.2939



53.3925, 56.8796, 51.8808



51.6570, 56.8796, 54.0338

Triad

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



53.3925, 56.8796, 51.8808



51.2291, 56.8796, 69.1922



57.6978, 56.8796, 65.6615

Complementary

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



53.3925, 56.8796, 51.8808



47.1843, 48.8324, 63.4391

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.



56.5412, 56.8796, 70.5651



53.3925, 56.8796, 51.8808



52.7955, 56.8796, 72.6875

Square

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



53.3925, 56.8796, 51.8808



50.4282, 56.8796, 63.8786



54.7378, 56.8796, 73.2046



57.8670, 56.8796, 60.0257

Rectangle

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



53.3925, 56.8796, 51.8808



50.8472, 56.8796, 56.7158



54.7378, 56.8796, 73.2046



57.4103, 56.8796, 67.4591

Sweetspot

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



53.3940, 56.8821, 51.8820



93.4009, 98.6337, 102.3946



49.9136, 49.2492, 52.7934



19.8992, 21.0345, 21.5538



0.0000, 0.0000, 0.0000



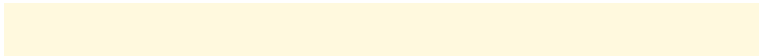
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3940, 56.8821, 51.8820



88.2740, 94.2644, 82.5442



52.4706, 57.7888, 52.1057



11.9739, 12.7367, 11.9068



24.4279, 25.5888, 3.6516



1.3065, 1.4127, 0.2038

Inverse Universe

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



47.1843, 48.8324, 63.4391



75.8361, 78.1416, 105.6936



48.0349, 48.0475, 63.2427



10.7638, 11.1681, 14.1587



7.3269, 3.6778, 36.2800



0.4293, 0.2924, 1.8887

Previews

White Background



This preview shows how the XYZ color 53.3925, 56.8796, 51.8808 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 53.3925, 56.8796, 51.8808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

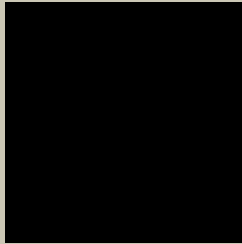
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3925, 56.8796, 51.8808

Background



This preview shows how black text looks on a background with the XYZ color 53.3925, 56.8796, 51.8808.



This preview shows how white text looks on a background with the XYZ color 53.3925, 56.8796,

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

53.3925, 56.8796, 51.8808

Protanopia

53.8859, 56.8053, 51.3044

Deuteranopia

58.0336, 56.9240, 52.1847



Tritanopia

56.8801, 56.9488, 68.9671

Trichromacy



Original Color

53.3925, 56.8796, 51.8808

Protanomaly

53.6091, 56.6626, 51.2915

Deuteranomaly

56.2775, 57.0065, 52.2932

Tritanomaly

55.5023, 56.7252, 62.0566

Monochromacy



Original Color

53.3925, 56.8796, 51.8808

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 53.3925, 56.8796, 51.8808 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(203, 199, 181)` looks like.

```
.text, #text, p{  
    color:rgb(203, 199, 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(203, 199, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 199, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.3925, 56.8796, 51.8808 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(203, 199, 181) }
```


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

```
.border{ border-color:rgb(203, 199, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 199, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 199, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 199, 181);  
box-shadow:4px 4px 4px 4px rgb(203, 199,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3925, 56.8796, 51.8808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 199, 181) }
```

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

```
.background{ background-color: rgb(203,  
199, 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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