

Converting Colors

XYZ(53.0658, 57.3870, 52.0232)

Have a look what the booklet for
XYZ(53.0658, 57.3870, 52.0232)
contains.

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Color

**XYZ(53.0466, 57.3888,
51.9974)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C9B5
RGB	200, 201, 181
RGB Percent	78%, 79%, 71%
CMY	0.2157, 0.2117, 0.2902
CMYK	0.00, 0.00, 0.10, 0.21
HSL	63°, 16%, 75%
HSV	63°, 10%, 79%
XYZ	53.0466, 57.3888, 51.9974
YIQ	198.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

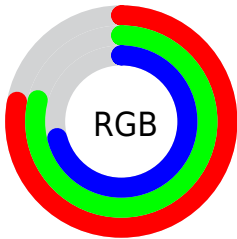
Format	Color
RYB	181, 201, 182
Decimal	13158837
CIELab	80.40, -3.84, 9.87
CIELCh	80, 10.597, 111.267
Yxy	57.3888, 0.3266, 0.3533
Android (android.graphics.Color)	4291348917 (0xFFC8C9B5)
YUV	198.4210, -8.5886, 1.3848
Hunter-Lab	75.7554, -7.5799, 12.3330

Details

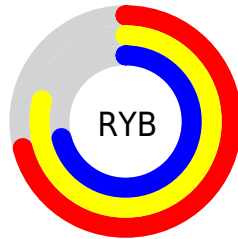
The XYZ color **53.0466, 57.3888, 51.9974** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.3600, 47.2114, 61.9306**, and the grayscale version is **53.9822, 56.7934, 61.8481**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **26.1841, 28.5369, 24.5502** is the 20% darker color. If you saturate the color by 10%, you get **50.8633, 56.4864, 41.8947**, and if you desaturate by 10%, it is **55.5324, 58.4162, 63.6699**.

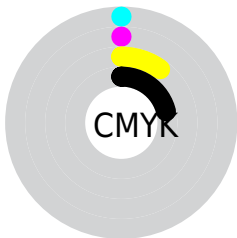
Distribution



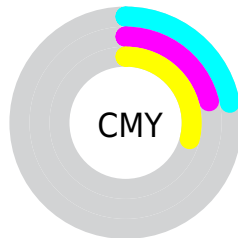
- Red (78%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (79%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0466, 57.3888, 51.9974 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 53.0466, 57.3888, 51.9974 by changing the saturation by 10% instead.

■ 53.0466, 57.3888,
51.9974

■ 53.0466, 57.3888,
51.9974

388.7218,
414.9046, 411.3832

■ 38.0676, 41.3175,
36.6208

■ 93.8381, 101.0323,
94.5539

■ 26.2126, 28.5672,
24.6205

120.3812,
129.3732, 122.5710

■ 17.1163, 18.7537,
15.5781

151.5098,
162.5728, 155.6385

■ 10.4132, 11.4924,
9.0750

187.5892,
201.0155, 194.1751

■ 5.7382, 6.3991,
4.6927

228.9848,
245.0856, 238.5994

■ 2.7257, 3.0892,
2.0125

276.0618,

■ 1.0104, 1.1785,

295.1676, 289.3298

0.5630

329.1857,
351.6458, 346.7849

■ 0.0000, 0.0440,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.0466, 57.3888,
51.9974

■ 53.0466, 57.3888,
51.9974

■ 50.8633, 56.4864,
41.8947

■ 55.5324, 58.4162,
63.6699

■ 48.9652, 55.6963,
33.2913

■ 58.3279, 59.5659,
76.9714

■ 47.3403, 55.0157,
26.1169

■ 61.4461, 60.8447,
91.9623

■ 45.9737, 54.4387,
20.2940

■ 63.8492, 61.8378,
103.1784

■ 44.8494, 53.9588,
15.7378

■ 64.1265, 61.9808,
103.1914

■ 43.9494, 53.5688,
12.3539

■ 64.4057, 62.1247,
103.2045

■ 43.2535, 53.2606,
10.0348

■ 64.6867, 62.2696,
103.2176

■ 42.7373, 53.0246,
8.6534

■ 64.9695, 62.4154,
103.2308

■ 42.3554, 52.8424,
7.9700

■ 65.2540, 62.5621,
103.2442

Harmonies

Analogous

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



55.1824, 57.3888, 51.4022



53.0466, 57.3888, 51.9974



51.3553, 57.3888, 55.3028

Triad

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



53.0466, 57.3888, 51.9974



51.9766, 57.3888, 72.2813



58.7760, 57.3888, 64.3189

Complementary

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



53.0466, 57.3888, 51.9974



46.3600, 47.2114, 61.9306

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.



57.8669, 57.3888, 70.2671



53.0466, 57.3888, 51.9974



53.9152, 57.3888, 75.0600

Square

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



53.0466, 57.3888, 51.9974



50.7490, 57.3888, 66.9228



56.0741, 57.3888, 74.2994



58.5285, 57.3888, 58.2510

Rectangle

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



53.0466, 57.3888, 51.9974



50.6889, 57.3888, 58.7263



56.0741, 57.3888, 74.2994



58.5947, 57.3888, 66.4042

Sweetspot

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



53.0482, 57.3913, 51.9986



93.7015, 99.4443, 102.5352



49.1577, 49.2111, 50.6247



19.9806, 21.2541, 21.5919



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.



53.0482, 57.3913, 51.9986



89.9463, 97.8935, 84.9604



50.4644, 56.0593, 51.8777



11.4693, 12.3889, 11.3496



26.6527, 33.2353, 5.0103



1.2785, 1.5822, 0.2380

Inverse Universe

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



46.3600, 47.2114, 61.9306



76.1570, 76.9048, 105.4380



48.8065, 48.4726, 62.0451



10.1051, 10.3124, 13.3754



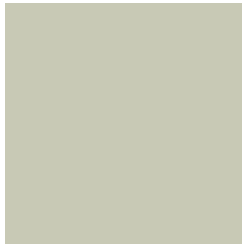
6.7313, 2.7044, 34.9116



0.3363, 0.1371, 1.6539

Previews

White Background



This preview shows how the XYZ color 53.0466, 57.3888, 51.9974 looks on a white background.

Color Contrast Check

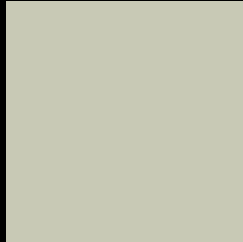
Large Text (above 18pt) WCAG AA × Fail

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 53.0466, 57.3888, 51.9974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

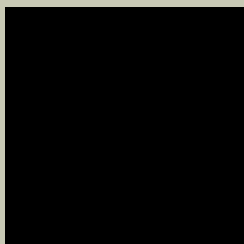
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

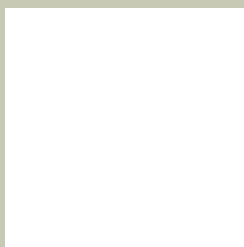
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0466, 57.3888, 51.9974

Background



This preview shows how black text looks on a background with the XYZ color 53.0466, 57.3888, 51.9974.



This preview shows how white text looks on a background with the XYZ color 53.0466, 57.3888,

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

53.0466, 57.3888, 51.9974

Protanopia

54.3938, 57.4075, 51.3939

Deuteranopia

58.4482, 57.1257, 52.7456



Tritanopia

56.5254, 57.0707, 70.3239

Trichromacy



Original Color

53.0466, 57.3888, 51.9974

Protanomaly

53.7943, 57.4412, 51.4320

Deuteranomaly

56.2775, 57.0065, 52.2932

Tritanomaly

55.3653, 57.3017, 63.4006

Monochromacy



Original Color

53.0466, 57.3888, 51.9974

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4910, 56.7947, 58.0124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0466, 57.3888, 51.9974 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(200, 201, 181)` looks like.

```
.text, #text, p{  
    color:rgb(200, 201, 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(200, 201, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 201, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.0466, 57.3888, 51.9974 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(200, 201, 181) }
```


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

```
.border{ border-color:rgb(200, 201, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 201, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 201, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 201, 181);  
box-shadow:4px 4px 4px 4px rgb(200, 201,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0466, 57.3888, 51.9974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 201, 181) }
```

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

```
.background{ background-color: rgb(200,  
201, 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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