

Converting Colors

XYZ(55.4427, 60.2275, 53.5707)

Have a look what the booklet for
XYZ(55.4427, 60.2275, 53.5707)
contains.

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Color

**XYZ(55.5204, 60.3989,
53.5317)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCEB7
RGB	204, 206, 183
RGB Percent	80%, 81%, 72%
CMY	0.2000, 0.1921, 0.2823
CMYK	0.01, 0.00, 0.11, 0.19
HSL	65°, 19%, 76%
HSV	65°, 11%, 81%
XYZ	55.5204, 60.3989, 53.5317
YIQ	202.7800, 6.1910, -7.5770

Conversions

Conversions Part 2

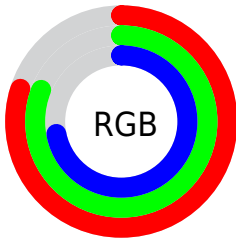
Format	Color
RYB	183, 206, 185
Decimal	13422263
CIELab	82.05, -4.68, 11.21
CIELCh	82, 12.147, 112.673
Yxy	60.3989, 0.3276, 0.3564
Android (android.graphics.Color)	4291612343 (0xFFCCCEB7)
YUV	202.7800, -9.7515, 1.0699
Hunter-Lab	77.7167, -8.4849, 13.5624

Details

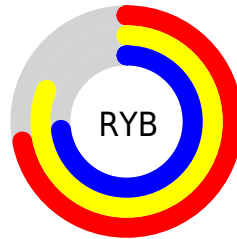
The XYZ color **55.5204, 60.3989, 53.5317** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0840, 48.6392, 65.2498**, and the grayscale version is **56.6846, 59.6366, 64.9443**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **27.8352, 30.5522, 25.5492** is the 20% darker color. If you saturate the color by 10%, you get **53.0428, 59.3533, 43.0304**, and if you desaturate by 10%, it is **58.3209, 61.5782, 65.6888**.

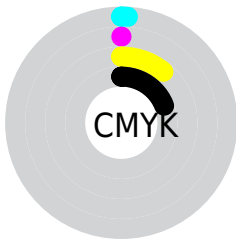
Distribution



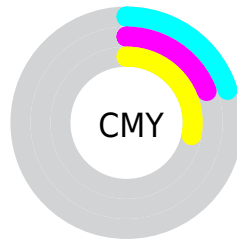
- Red (80%)
- Green (81%)
- Blue (72%)



- Red (72%)
- Yellow (81%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5204, 60.3989, 53.5317 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 55.5204, 60.3989, 53.5317 by changing the saturation by 10% instead.

■ 55.5204, 60.3989,
53.5317

■ 55.5204, 60.3989,
53.5317

397.9860,
426.0665, 417.4457

■ 40.0540, 43.7402,
37.8368

■ 97.4469, 105.4081,
96.8358

■ 27.7651, 30.4663,
25.5552

124.6377,
134.5274, 125.2820

■ 18.2882, 20.1928,
16.2684

156.4674,
168.5691, 158.8157

■ 11.2580, 12.5353,
9.5579

193.3013,
207.9175, 197.8554

■ 6.3092, 7.1093,
5.0051

235.5047,
252.9571, 242.8198

■ 3.0764, 3.5306,
2.1914

283.4431,

■ 1.1943, 1.4146,

304.0722, 294.1273

0.6694

337.4817,
361.6472, 352.1964

■ 0.1019, 0.2274,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5204, 60.3989,
53.5317

■ 55.5204, 60.3989,
53.5317

■ 53.0428, 59.3533,
43.0304

■ 58.3209, 61.5782,
65.6888

■ 50.8694, 58.4281,
34.1094

■ 61.4521, 62.8885,
79.5651

■ 48.9875, 57.6202,
26.6935

■ 64.9277, 64.3373,
95.2251

■ 47.3811, 56.9230,
20.6993

■ 67.0382, 65.2406,
103.6671

■ 46.0330, 56.3299,
16.0358

■ 67.5560, 65.5075,
103.6914

■ 44.9237, 55.8329,
12.6012

■ 68.0794, 65.7774,
103.7159

■ 44.0313, 55.4233,
10.2790

■ 68.6087, 66.0502,
103.7406

■ 43.3292, 55.0905,
8.9306

■ 69.1438, 66.3261,
103.7657

■ 42.8254, 54.8436,
8.3287

■ 69.6846, 66.6049,
103.7910

Harmonies

Analogous

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



58.0409, 60.3989, 52.6821



55.5204, 60.3989, 53.5317



53.5606, 60.3989, 57.5373

Triad

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



55.5204, 60.3989, 53.5317



54.4579, 60.3989, 77.6930



62.4581, 60.3989, 67.5887

Complementary

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



55.5204, 60.3989, 53.5317



48.0840, 48.6392, 65.2498

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.



61.4340, 60.3989, 74.7400



55.5204, 60.3989, 53.5317



56.7784, 60.3989, 80.8502

Square

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



55.5204, 60.3989, 53.5317



52.9601, 60.3989, 71.3813



59.3366, 60.3989, 79.7310



62.0969, 60.3989, 60.4497

Rectangle

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



55.5204, 60.3989, 53.5317



52.8106, 60.3989, 61.6318



59.3366, 60.3989, 79.7310



62.2634, 60.3989, 70.0772

Sweetspot

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



55.5220, 60.4015, 53.5330



93.5978, 99.3908, 102.5303



51.3344, 51.2054, 51.9787



19.9525, 21.2396, 21.5906



0.0000, 0.0000, 0.0000



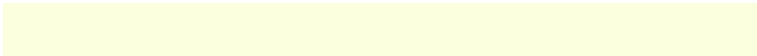
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5220, 60.4015, 53.5330



89.1101, 97.5022, 83.1251



52.5070, 58.8472, 53.3919



12.0537, 13.0451, 11.9621



26.4106, 33.7905, 5.1302



1.3915, 1.7581, 0.2660

Inverse Universe

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



48.0840, 48.6392, 65.2498



75.1013, 75.3484, 105.1932



50.9495, 50.1164, 65.3839



10.6909, 10.8899, 14.1089



7.0480, 2.8409, 36.1332



0.3956, 0.1631, 1.8656

Previews

White Background



This preview shows how the XYZ color 55.5204, 60.3989, 53.5317 looks on a white background.

Color Contrast Check

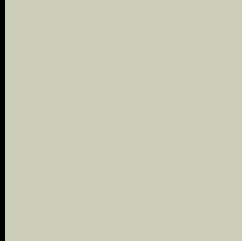
Large Text (above 18pt) WCAG AA × Fail

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 55.5204, 60.3989, 53.5317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

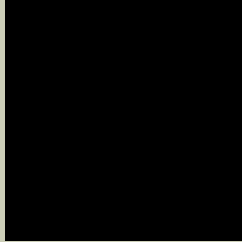
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

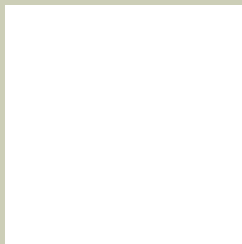
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5204, 60.3989, 53.5317

Background



This preview shows how black text looks on a background with the XYZ color 55.5204, 60.3989, 53.5317.



This preview shows how white text looks on a background with the XYZ color 55.5204, 60.3989,

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

55.5204, 60.3989, 53.5317

Protanopia

57.2400, 60.2354, 52.8657

Deuteranopia

61.6782, 60.4242, 54.3112



Tritanopia

59.7055, 60.3384, 74.1453

Trichromacy



Original Color

55.5204, 60.3989, 53.5317

Protanomaly

56.6147, 60.2648, 52.9043

Deuteranomaly

59.1248, 60.1414, 53.8396

Tritanomaly

58.1075, 60.3850, 66.3505

Monochromacy



Original Color

55.5204, 60.3989, 53.5317

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.1853, 59.8678, 60.8189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5204, 60.3989, 53.5317 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, 206, 183) looks like.

```
.text, #text, p{  
    color:rgb(204, 206, 183)  
}
```

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, 206, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 206, 183) }
```

Border

The CSS property to change the border of an element to XYZ 55.5204, 60.3989, 53.5317 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, 206, 183) }
```


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

```
.border{ border-color:rgb(204, 206, 183) }
```

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

Here you see how a box with a 4 pixel rgb(204, 206, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 206, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 206, 183);  
box-shadow:4px 4px 4px 4px rgb(204, 206,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5204, 60.3989, 53.5317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 206, 183) }
```

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

```
.background{ background-color: rgb(204,  
206, 183) }
```

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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