

Converting Colors

XYZ(53.5117, 56.0731, 50.3860)

Have a look what the booklet for
XYZ(53.5117, 56.0731, 50.3860)
contains.

XYZ(53.6087, 55.9999, 50.6314)	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(53.6087, 55.9999,
50.6314)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC4B3
RGB	207, 196, 179
RGB Percent	81%, 77%, 70%
CMY	0.1882, 0.2314, 0.2980
CMYK	0.00, 0.05, 0.14, 0.19
HSL	36°, 23%, 76%
HSV	36°, 14%, 81%
XYZ	53.6087, 55.9999, 50.6314
YIQ	197.3510, 12.0130, -2.9550

Conversions

Conversions Part 2

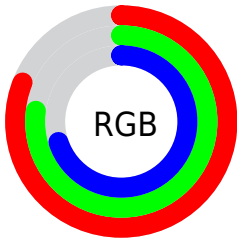
Format	Color
RYB	197, 207, 179
Decimal	13616307
CIELab	79.61, 0.98, 9.90
CIELCh	80, 9.953, 84.322
Yxy	55.9999, 0.3346, 0.3495
Android (android.graphics.Color)	4291806387 (0xFFCFC4B3)
YUV	197.3510, -9.0470, 8.4622
Hunter-Lab	74.8331, -3.0846, 12.2681

Details

The XYZ color **53.6087, 55.9999, 50.6314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2661, 50.9146, 66.3155**, and the grayscale version is **53.3322, 56.1096, 61.1034**.

A 20% lighter version of the original color is **91.3607, 97.5087, 92.6031**, and **26.5758, 27.6247, 23.6701** is the 20% darker color. If you saturate the color by 10%, you get **49.8866, 51.6580, 39.8256**, and if you desaturate by 10%, it is **57.7476, 60.6713, 63.1280**.

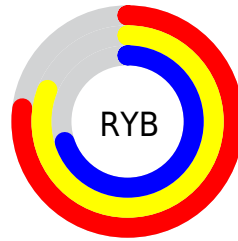
Distribution



Red (81%)

Green (77%)

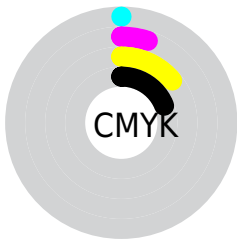
Blue (70%)



Red (77%)

Yellow (81%)

Blue (70%)

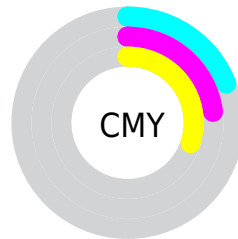


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (19%)



Cyan (19%)


Magenta (23%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6087, 55.9999, 50.6314 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 53.6087, 55.9999, 50.6314 by changing the saturation by 10% instead.


 53.6087, 55.9999,
50.6314

 53.6087, 55.9999,
50.6314


390.8388,
409.6911, 405.9356

 38.5183, 40.2028,
35.5407


 94.6597, 99.0044,
92.5156

 26.5643, 27.6967,
23.7928


121.3511,
126.9807, 120.1461

 17.3811, 18.0972,
14.9692


152.6402,
159.7855, 152.7937

 10.6036, 11.0198,
8.6514

188.8924,
197.8032, 190.8768

 5.8663, 6.0801,
4.4208

230.4730,
241.4182, 234.8140

 2.8038, 2.8939,
1.8589

277.7473,

 1.0509, 1.0766,

291.0150, 285.0238

0.4664

331.0808,
346.9778, 341.9249

■ 0.0000, 0.0000,
0.0000

■ 53.6087, 55.9999,
50.6314

■ 53.6087, 55.9999,
50.6314

■ 49.8866, 51.6580,
39.8256

■ 57.7476, 60.6713,
63.1280

■ 46.5611, 47.6293,
30.6331

■ 62.3132, 65.6729,
77.3812

■ 43.6173, 43.9072,
22.9753

■ 67.3210, 71.0151,
93.4578

■ 41.0370, 40.4819,
16.7659

■ 71.6694, 76.2598,
105.5500

■ 38.8008, 37.3429,
11.9098

■ 73.9655, 80.8519,
106.3153

■ 36.8867, 34.4785,
8.3004

■ 76.3682, 85.6572,
107.1162

■ 35.2698, 31.8761,
5.8148

■ 78.8789, 90.6787,
107.9531

■ 33.9201, 29.5207,
4.3047

■ 79.5423, 92.0055,
108.1743

■ 33.1560, 28.1129,
3.6788

Harmonies

Analogous

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



55.5072, 55.9999, 52.4359



53.6087, 55.9999, 50.6314



51.6537, 55.9999, 51.4539

Triad

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



53.6087, 55.9999, 50.6314



49.7889, 55.9999, 65.6371



56.4206, 55.9999, 67.6452

Complementary

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



53.6087, 55.9999, 50.6314



48.2661, 50.9146, 66.3155

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.



54.8303, 55.9999, 71.6023



53.6087, 55.9999, 50.6314



51.0086, 55.9999, 70.3928

Square

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



53.6087, 55.9999, 50.6314



49.4803, 55.9999, 59.8881



52.8456, 55.9999, 72.6379



57.1566, 55.9999, 62.0737

Rectangle

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



53.6087, 55.9999, 50.6314



50.5771, 55.9999, 53.4094



52.8456, 55.9999, 72.6379



55.9663, 55.9999, 69.2219

Sweetspot

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



53.6102, 56.0024, 50.6326



92.1863, 96.8312, 100.0578



51.1690, 49.2328, 55.6365



19.6191, 20.6004, 21.0716



0.0000, 0.0000, 0.0000



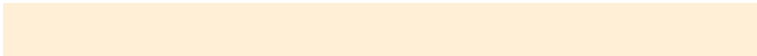
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6102, 56.0024, 50.6326



84.2630, 87.8450, 76.2670



55.4067, 60.7465, 51.4536



12.3975, 12.9857, 12.4651



20.9841, 17.9012, 2.3493



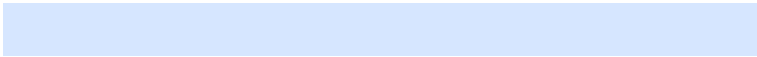
1.2494, 1.1531, 0.1567

Inverse Universe

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



48.2661, 50.9146, 66.3155



74.1988, 78.2639, 105.8035



46.6275, 46.6667, 65.5820



11.5391, 12.1684, 14.9842



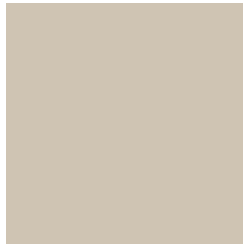
9.0495, 6.7457, 38.0176



0.5824, 0.5300, 2.1512

Previews

White Background



This preview shows how the XYZ color 53.6087, 55.9999, 50.6314 looks on a white background.

Color Contrast Check

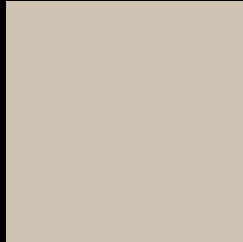
Large Text (above 18pt) WCAG AA × Fail

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 53.6087, 55.9999, 50.6314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

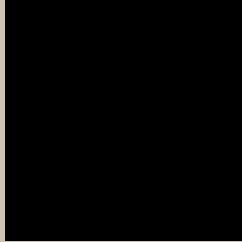
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6087, 55.9999, 50.6314

Background



This preview shows how black text looks on a background with the XYZ color 53.6087, 55.9999, 50.6314.

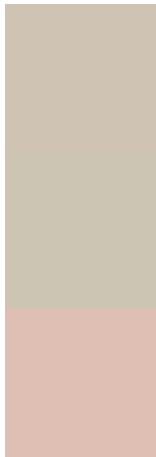


This preview shows how white text looks on a background with the XYZ color 53.6087, 55.9999,

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

53.6087, 55.9999, 50.6314

Protanopia

53.2798, 56.1663, 50.6809

Deuteranopia

57.0831, 55.8102, 50.9439



Tritanopia

56.9761, 56.0532, 66.8479

Trichromacy



Original Color

53.6087, 55.9999, 50.6314

Protanomaly

53.5565, 56.3090, 50.6938

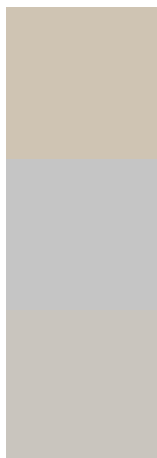
Deuteranomaly

55.7031, 55.7463, 51.0043

Tritanomaly

55.7264, 55.8728, 60.6708

Monochromacy



Original Color

53.6087, 55.9999, 50.6314

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3479, 56.0677, 56.7256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6087, 55.9999, 50.6314 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(207, 196, 179)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 179)  
}
```

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(207, 196, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.6087, 55.9999, 50.6314 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(207, 196, 179) }
```


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

```
.border{ border-color:rgb(207, 196, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 179);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6087, 55.9999, 50.6314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 179) }
```

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

```
.background{ background-color: rgb(207,  
196, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor