

Converting Colors

XYZ(53.1649, 55.6585, 59.5246)

Have a look what the booklet for
XYZ(53.1649, 55.6585, 59.5246)
contains.

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Color

**XYZ(53.1434, 55.5621,
59.5534)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C4C3
RGB	199, 196, 195
RGB Percent	78%, 77%, 76%
CMY	0.2196, 0.2314, 0.2353
CMYK	0.00, 0.02, 0.02, 0.22
HSL	15°, 3%, 77%
HSV	15°, 2%, 78%
XYZ	53.1434, 55.5621, 59.5534
YIQ	196.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

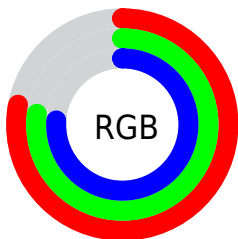
Format	Color
R_{YB}	199, 196, 195
Decimal	13092035
CIE Lab	79.36, 0.86, 0.86
CIE LCh	79, 1.218, 44.901
Yxy	55.5621, 0.3158, 0.3302
Android (android.graphics.Color)	4291282115 (0xFFC7C4C3)
YUV	196.7830, -0.8790, 1.9443
Hunter-Lab	74.5400, -3.1831, 4.8085

Details

The XYZ color **53.1434, 55.5621, 59.5534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0085, 56.1129, 62.0705**, and the grayscale version is **52.9456, 55.7029, 60.6605**.

A 20% lighter version of the original color is **93.9360, 98.5388, 106.1644**, and **26.1578, 27.2888, 29.0879** is the 20% darker color. If you saturate the color by 10%, you get **47.8450, 48.3287, 47.4163**, and if you desaturate by 10%, it is **59.0790, 63.5885, 73.3837**.

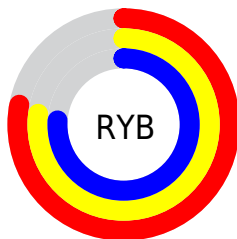
Distribution



Red (78%)

Green (77%)

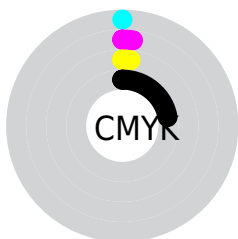
Blue (76%)



Red (78%)

Yellow (77%)

Blue (76%)

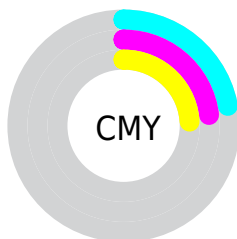


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (22%)



Cyan (22%)

Magenta (23%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1434, 55.5621, 59.5534 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 53.1434, 55.5621, 59.5534 by changing the saturation by 10% instead.

■ 53.1434, 55.5621,
59.5534

■ 53.1434, 55.5621,
59.5534

389.0869,
408.0391, 440.7085

■ 38.1452, 39.8519,
42.6358

■ 93.9796, 98.3640,
105.7186

■ 26.2731, 27.4231,
29.2702

120.5484,
126.2246, 135.8032

■ 17.1618, 17.8913,
19.0380

151.7047,
158.9041, 171.1140

■ 10.4460, 10.8719,
11.5206

187.8139,
196.7869, 212.0694

■ 5.7602, 5.9808,
6.2996

229.2413,
240.2574, 259.0881

■ 2.7391, 2.8334,
2.9564

276.3524,

■ 1.0173, 1.0454,

289.7000, 312.5884

1.0724

329.5125,
345.4991, 372.9891

■ 0.0000, 0.0000,
0.0000

■ 53.1434, 55.5621,
59.5534

■ 53.1434, 55.5621,
59.5534

■ 47.8450, 48.3287,
47.4163

■ 59.0790, 63.5885,
73.3837

■ 43.1575, 41.8571,
36.9036

■ 65.6676, 72.4238,
88.9652

■ 39.0600, 36.1242,
27.9470

■ 72.9301, 82.0924,
106.3578

■ 35.5281, 31.1034,
20.4719

■ 77.3634, 90.8822,
108.0723

■ 32.5362, 26.7662,
14.3978

■ 30.0560, 23.0823,
9.6362

■ 28.0570, 20.0190,
6.0884

■ 26.5049, 17.5405,
3.6418

■ 25.3600, 15.6069,
2.1621

Harmonies

Analogous

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



53.2652, 55.5621, 60.1525



53.1434, 55.5621, 59.5534



52.9325, 55.5621, 59.2086

Triad

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



53.1434, 55.5621, 59.5534



52.3581, 55.5621, 60.1481



52.9309, 55.5621, 61.8065

Complementary

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



53.1434, 55.5621, 59.5534



53.0085, 56.1129, 62.0705

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.



52.6879, 55.5621, 61.8053



53.1434, 55.5621, 59.5534



52.3577, 55.5621, 60.8441

Square

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



53.1434, 55.5621, 59.5534



52.4794, 55.5621, 59.5502



52.4782, 55.5621, 61.4519



53.1422, 55.5621, 61.4552

Rectangle

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



53.1434, 55.5621, 59.5534



52.7700, 55.5621, 59.1677



52.4782, 55.5621, 61.4519



52.8502, 55.5621, 61.8474

Sweetspot

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



53.1450, 55.5645, 59.5546



94.0357, 98.6241, 106.5499



53.2621, 55.2504, 61.2839



20.1382, 21.1241, 22.8308



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.



53.1450, 55.5645, 59.5546



93.0329, 97.2624, 104.2305



53.5983, 56.4711, 59.7057



11.7381, 12.2776, 13.1734



15.9362, 9.3897, 0.9725



0.8143, 0.5641, 0.0660

Inverse Universe

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



53.0085, 56.1129, 62.0705



92.7917, 98.2319, 108.6777



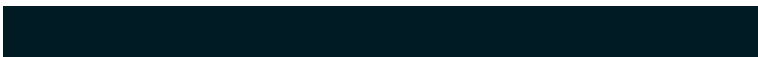
52.5552, 55.2063, 61.9194



11.7099, 12.3907, 13.6919



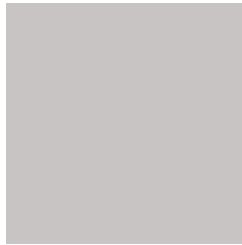
13.6198, 16.6335, 37.2371



0.7000, 0.8977, 1.7815

Previews

White Background



This preview shows how the XYZ color 53.1434, 55.5621, 59.5534 looks on a white background.

Color Contrast Check

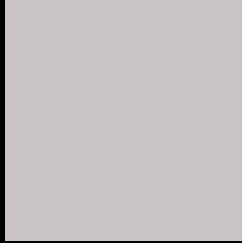
Large Text (above 18pt) WCAG AA × Fail

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 53.1434, 55.5621, 59.5534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

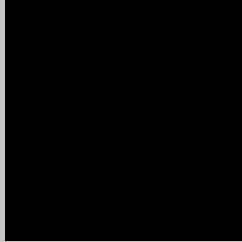
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

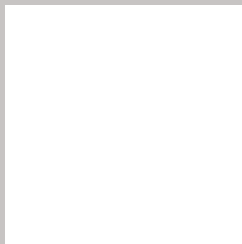
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1434, 55.5621, 59.5534

Background



This preview shows how black text looks on a background with the XYZ color 53.1434, 55.5621, 59.5534.

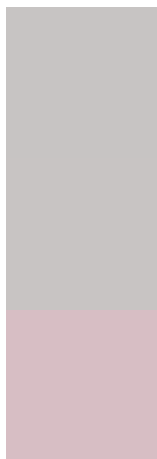


This preview shows how white text looks on a background with the XYZ color 53.1434, 55.5621,

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

53.1434, 55.5621, 59.5534

Protanopia

53.4097, 55.6993, 59.5658

Deuteranopia

56.4016, 55.2595, 59.9180



Tritanopia

54.8878, 55.6045, 68.1614

Trichromacy



Original Color

53.1434, 55.5621, 59.5534

Protanomaly

53.4097, 55.6993, 59.5658

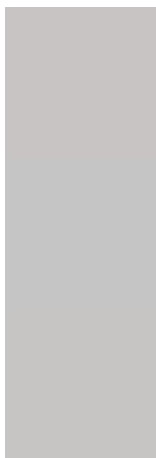
Deuteranomaly

55.1079, 55.2401, 59.9825

Tritanomaly

54.2336, 55.6692, 65.0136

Monochromacy



Original Color

53.1434, 55.5621, 59.5534

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.2188, 55.9238, 60.2140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1434, 55.5621, 59.5534 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(199, 196, 195)` looks like.

```
.text, #text, p{  
    color:rgb(199, 196, 195)  
}
```

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(199, 196, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 196, 195) }
```

Border

The CSS property to change the border of an element to XYZ 53.1434, 55.5621, 59.5534 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(199, 196, 195) }
```


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

```
.border{ border-color:rgb(199, 196, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 196, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 196, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 196, 195);  
box-shadow:4px 4px 4px 4px rgb(199, 196,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1434, 55.5621, 59.5534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 196, 195) }
```

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

```
.background{ background-color: rgb(199,  
196, 195) }
```

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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