

Converting Colors

XYZ(53.7089, 54.9359, 55.9170)

Have a look what the booklet for
XYZ(53.7089, 54.9359, 55.9170)
contains.

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Color

**XYZ(53.7089, 54.9359,
55.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC1BD
RGB	206, 193, 189
RGB Percent	81%, 76%, 74%
CMY	0.1922, 0.2431, 0.2588
CMYK	0.00, 0.06, 0.08, 0.19
HSL	14°, 15%, 77%
HSV	14°, 8%, 81%
XYZ	53.7089, 54.9359, 55.9170
YIQ	196.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

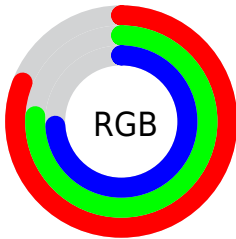
Format	Color
RYB	206, 194, 189
Decimal	13550013
CIELab	79.00, 3.87, 3.64
CIELCh	79, 5.311, 43.247
Yxy	54.9359, 0.3264, 0.3338
Android (android.graphics.Color)	4291740093 (0xFFCEC1BD)
YUV	196.4310, -3.6635, 8.3920
Hunter-Lab	74.1188, -0.3608, 7.1533

Details

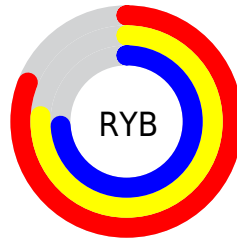
The XYZ color **53.7089, 54.9359, 55.9170** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2472, 57.5151, 66.6883**, and the grayscale version is **52.7470, 55.4939, 60.4329**.

A 20% lighter version of the original color is **91.5971, 95.6039, 100.0119**, and **26.7709, 27.2091, 27.1335** is the 20% darker color. If you saturate the color by 10%, you get **48.3321, 47.5099, 43.8650**, and if you desaturate by 10%, it is **59.7772, 63.2353, 69.7678**.

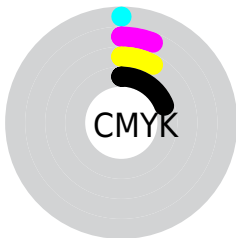
Distribution



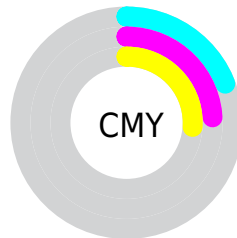
- Red (81%)
- Green (76%)
- Blue (74%)



- Red (81%)
- Yellow (76%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (19%)





- Cyan (19%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7089, 54.9359, 55.9170 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 53.7089, 54.9359, 55.9170 by changing the saturation by 10% instead.


 53.7089, 54.9359,
55.9170

 53.7089, 54.9359,
55.9170


391.2155,
405.6689, 426.7582

 38.5987, 39.3504,
39.7328


 94.8061, 97.4470,
100.3678

 26.6270, 27.0324,
27.0181


121.5238,
125.1415, 129.4715

 17.4284, 17.5976,
17.3543


152.8415,
157.6410, 163.7188

 10.6376, 10.6615,
10.3228

189.1243,
195.3300, 203.5282

 5.8892, 5.8397,
5.5051

230.7378,
238.5929, 249.3184

 2.8178, 2.7478,
2.4827

278.0473,

 1.0582, 1.0015,

287.8141, 301.5077

0.8310

331.4180,
343.3780, 360.5148

■ 0.0000, 0.0000,
0.0000

■ 53.7089, 54.9359,
55.9170

■ 53.7089, 54.9359,
55.9170

■ 48.3321, 47.5099,
43.8650

■ 59.7772, 63.2353,
69.7678

■ 43.6173, 40.9215,
33.5343

■ 66.5559, 72.4280,
85.4835

■ 39.5397, 35.1433,
24.8468

■ 74.0691, 82.5422,
103.1313

■ 36.0709, 30.1434,
17.7172

■ 79.2639, 91.8620,
108.1612

■ 33.1807, 25.8879,
12.0523

■ 30.8357, 22.3402,
7.7490

■ 28.9991, 19.4607,
4.6904

■ 27.6291, 17.2051,
2.7398

■ 26.6692, 15.5211,
1.6936

Harmonies

Analogous

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



54.2177, 54.9359, 58.4923



53.7089, 54.9359, 55.9170



52.8028, 54.9359, 54.4152

Triad

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



53.7089, 54.9359, 55.9170



50.2934, 54.9359, 58.1543



52.6819, 54.9359, 65.6605

Complementary

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



53.7089, 54.9359, 55.9170



53.2472, 57.5151, 66.6883

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.



51.6315, 54.9359, 65.5625



53.7089, 54.9359, 55.9170



50.2621, 54.9359, 61.1592

Square

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



53.7089, 54.9359, 55.9170



50.8352, 54.9359, 55.6767



50.7489, 54.9359, 63.8919



53.6194, 54.9359, 64.1552

Rectangle

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



53.7089, 54.9359, 55.9170



52.0999, 54.9359, 54.1924



50.7489, 54.9359, 63.8919



52.3301, 54.9359, 65.8155

Sweetspot

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



53.7104, 54.9383, 55.9182



93.0084, 97.2134, 104.2223



54.3165, 53.7836, 63.4170



19.9290, 20.8369, 22.3568



0.0000, 0.0000, 0.0000



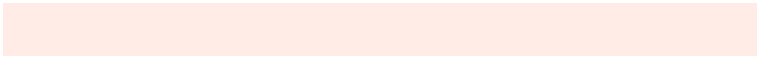
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7104, 54.9383, 55.9182



85.3061, 86.6518, 86.7246



55.6352, 58.7879, 56.5598



11.4232, 11.6354, 11.7232



16.4003, 9.5335, 0.9758



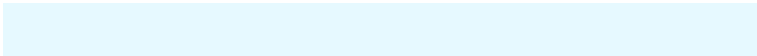
0.9064, 0.6124, 0.0704

Inverse Universe

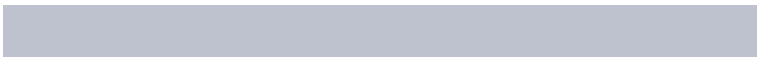
The Inverse Universe completely reimagines the original color for something new.



53.2472, 57.5151, 66.6883



84.3968, 91.7082, 107.8610



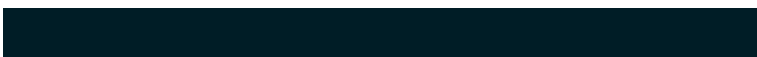
51.3157, 53.6520, 66.0444



11.3106, 12.2617, 14.3410



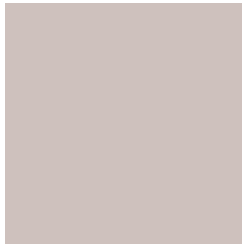
14.4124, 17.8487, 38.6418



0.7992, 1.0322, 2.0120

Previews

White Background



This preview shows how the XYZ color 53.7089, 54.9359, 55.9170 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 53.7089, 54.9359, 55.9170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

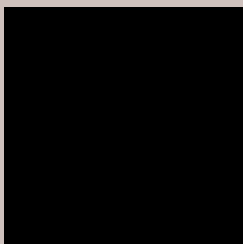
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

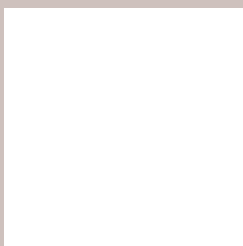
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7089, 54.9359, 55.9170

Background



This preview shows how black text looks on a background with the XYZ color 53.7089, 54.9359, 55.9170.



This preview shows how white text looks on a background with the XYZ color 53.7089, 54.9359,

55.9170.

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

53.7089, 54.9359, 55.9170

Protanopia

52.6288, 55.0273, 56.5627

Deuteranopia

56.1071, 54.8646, 56.3480



Tritanopia

55.4453, 54.6446, 65.3828

Trichromacy



Original Color

53.7089, 54.9359, 55.9170

Protanomaly

52.9432, 54.8578, 56.5134

Deuteranomaly

55.1483, 54.6908, 56.3649

Tritanomaly

54.6717, 54.6505, 61.6999

Monochromacy



Original Color

53.7089, 54.9359, 55.9170

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.9602, 55.1598, 58.3077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7089, 54.9359, 55.9170 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(206, 193, 189) looks like.

```
.text, #text, p{  
    color:rgb(206, 193, 189)  
}
```

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(206, 193, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 193, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.7089, 54.9359, 55.9170 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(206, 193, 189) }
```


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

```
.border{ border-color:rgb(206, 193, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 193, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 193, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 193, 189);  
box-shadow:4px 4px 4px 4px rgb(206, 193,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7089, 54.9359, 55.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 193, 189) }
```

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

```
.background{ background-color: rgb(206,  
193, 189) }
```

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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