

Converting Colors

XYZ(55.0445, 57.9297, 59.3801)

Have a look what the booklet for
XYZ(55.0445, 57.9297, 59.3801)
contains.

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Color

**XYZ(55.0205, 57.9001,
59.3149)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC8C2
RGB	203, 200, 194
RGB Percent	80%, 78%, 76%
CMY	0.2039, 0.2157, 0.2392
CMYK	0.00, 0.01, 0.04, 0.20
HSL	40°, 8%, 78%
HSV	40°, 4%, 80%
XYZ	55.0205, 57.9001, 59.3149
YIQ	200.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

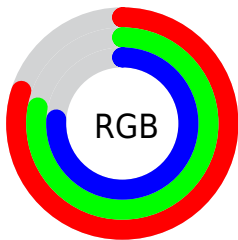
Format	Color
RYB	199, 203, 194
Decimal	13355202
CIELab	80.68, -0.03, 3.35
CIElCh	81, 3.353, 90.509
Yxy	57.9001, 0.3194, 0.3362
Android (android.graphics.Color)	4291545282 (0xFFCBC8C2)
YUV	200.2130, -3.0630, 2.4442
Hunter-Lab	76.0921, -4.0919, 7.0471

Details

The XYZ color **55.0205, 57.9001, 59.3149** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9939, 55.7129, 64.4613**, and the grayscale version is **55.0490, 57.9158, 63.0703**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **27.4069, 28.8408, 28.9333** is the 20% darker color. If you saturate the color by 10%, you get **51.3643, 53.9899, 47.6058**, and if you desaturate by 10%, it is **59.0607, 62.0783, 72.6899**.

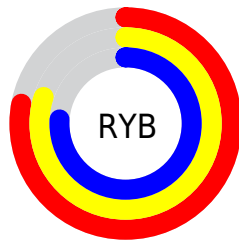
Distribution



Red (80%)

Green (78%)

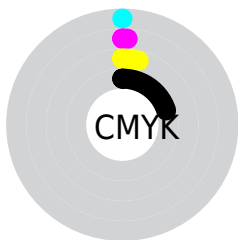
Blue (76%)



Red (78%)

Yellow (80%)

Blue (76%)

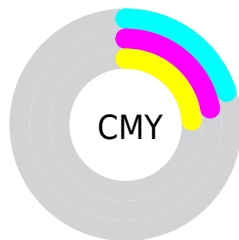


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0205, 57.9001, 59.3149 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 55.0205, 57.9001, 59.3149 by changing the saturation by 10% instead.

■ 55.0205, 57.9001,
59.3149

■ 55.0205, 57.9001,
59.3149

396.1248,
416.8136, 439.8022

■ 39.6520, 41.7283,
42.4450

■ 96.7191, 101.7774,
105.3688

■ 27.4504, 28.8886,
29.1217

123.7800,
130.2517, 135.3899

■ 18.0501, 18.9966,
18.9265

155.4691,
163.5956, 170.6318

■ 11.0858, 11.6678,
11.4409

192.1517,
202.1936, 211.5130

■ 6.1923, 6.5179,
6.2464

234.1933,
246.4299, 258.4521

■ 3.0041, 3.1625,
2.9242

281.9590,

■ 1.1560, 1.2171,

296.6891, 311.8677

1.0561

335.8144,
353.3556, 372.1782

■ 0.0712, 0.0756,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0205, 57.9001,
59.3149

■ 55.0205, 57.9001,
59.3149

■ 51.3643, 53.9899,
47.6058

■ 59.0607, 62.0783,
72.6899

■ 48.0737, 50.3335,
37.4926

■ 63.4926, 66.5235,
87.7898

■ 45.1362, 46.9261,
28.9057

■ 68.3301, 71.2443,
104.6751

■ 42.5363, 43.7602,
21.7688

■ 70.1588, 74.8764,
105.3626

■ 40.2574, 40.8277,
15.9991

■ 72.0443, 78.6474,
105.9911

■ 38.2814, 38.1196,
11.5055

■ 74.0032, 82.5651,
106.6440

■ 36.5878, 35.6263,
8.1853

■ 76.0362, 86.6312,
107.3217

■ 35.1532, 33.3368,
5.9201

■ 78.1442, 90.8472,
108.0244

■ 33.9494, 31.2382,
4.5660

■ 78.4389, 91.4367,
108.1226

Harmonies

Analogous

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



55.6889, 57.9001, 59.7893



55.0205, 57.9001, 59.3149



54.3606, 57.9001, 59.8220

Triad

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



55.0205, 57.9001, 59.3149



53.8957, 57.9001, 64.9947



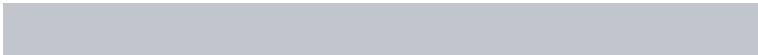
56.1968, 57.9001, 64.9349

Complementary

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



55.0205, 57.9001, 59.3149



52.9939, 55.7129, 64.4613

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.



55.7095, 57.9001, 66.3784



55.0205, 57.9001, 59.3149



54.3809, 57.9001, 66.4134

Square

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



55.0205, 57.9001, 59.3149



53.7146, 57.9001, 63.0772



55.0441, 57.9001, 66.9249



56.3714, 57.9001, 63.0096

Rectangle

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



55.0205, 57.9001, 59.3149



54.0134, 57.9001, 60.6546



55.0441, 57.9001, 66.9249



56.0639, 57.9001, 65.4940

Sweetspot

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



55.0221, 57.9026, 59.3162



94.3719, 99.2964, 106.6620



53.9993, 55.3122, 60.6544



20.2066, 21.2609, 22.8536



0.0000, 0.0000, 0.0000



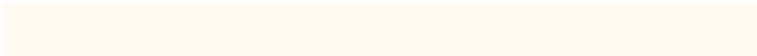
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0221, 57.9026, 59.3162



91.7253, 96.5273, 97.9986



55.3164, 59.0947, 59.5307



12.1389, 12.7742, 12.8633



21.3107, 19.3544, 2.6126



1.1673, 1.1343, 0.1574

Inverse Universe

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



52.9939, 55.7129, 64.4613



87.8603, 92.3545, 107.8032



52.7072, 54.5651, 64.2548



11.5695, 12.1595, 14.3076



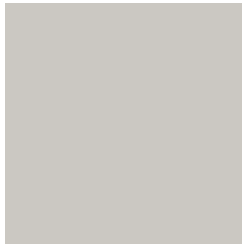
8.2350, 5.4939, 36.5827



0.4945, 0.4227, 1.9105

Previews

White Background



This preview shows how the XYZ color 55.0205, 57.9001, 59.3149 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 55.0205, 57.9001, 59.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

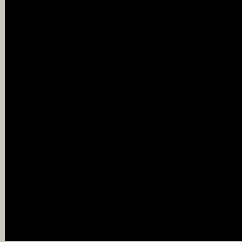
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0205, 57.9001, 59.3149

Background



This preview shows how black text looks on a background with the XYZ color 55.0205, 57.9001, 59.3149.

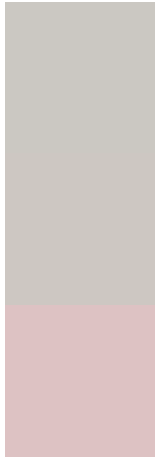


This preview shows how white text looks on a background with the XYZ color 55.0205, 57.9001,

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

55.0205, 57.9001, 59.3149

Protanopia

55.3379, 57.7210, 59.2636

Deuteranopia

58.9609, 57.8959, 59.6972



Tritanopia

57.4301, 57.8584, 71.0917

Trichromacy



Original Color

55.0205, 57.9001, 59.3149

Protanomaly

55.0629, 57.5793, 59.2507

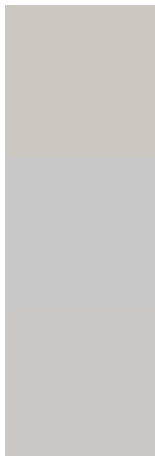
Deuteranomaly

57.3218, 57.7161, 59.7489

Tritanomaly

56.5115, 57.8235, 66.5751

Monochromacy



Original Color

55.0205, 57.9001, 59.3149

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9347, 57.8033, 61.6879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0205, 57.9001, 59.3149 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(203, 200, 194)` looks like.

```
.text, #text, p{  
    color:rgb(203, 200, 194)  
}
```

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(203, 200, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 200, 194) }
```

Border

The CSS property to change the border of an element to XYZ 55.0205, 57.9001, 59.3149 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(203, 200, 194) }
```


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

```
.border{ border-color:rgb(203, 200, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 200, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 200, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 200, 194);  
box-shadow:4px 4px 4px 4px rgb(203, 200,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0205, 57.9001, 59.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 200, 194) }
```

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

```
.background{ background-color: rgb(203,  
200, 194) }
```

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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