

Converting Colors

XYZ(55.3130, 54.2249, 67.1819)

Have a look what the booklet for
XYZ(55.3130, 54.2249, 67.1819)
contains.

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Color

**XYZ(55.3149, 54.2147,
67.2236)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBDD0
RGB	207, 189, 208
RGB Percent	81%, 74%, 82%
CMY	0.1882, 0.2588, 0.1843
CMYK	0.00, 0.09, 0.00, 0.18
HSL	297°, 17%, 78%
HSV	297°, 9%, 82%
XYZ	55.3149, 54.2147, 67.2236
YIQ	196.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

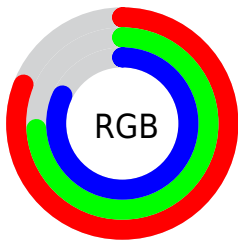
Format	Color
RYB	207, 189, 208
Decimal	13614544
CIELab	78.59, 9.75, -7.22
CIELCh	79, 12.131, 323.474
Yxy	54.2147, 0.3129, 0.3067
Android (android.graphics.Color)	4291804624 (0xFFCFBDD0)
YUV	196.5480, 5.6458, 9.1664
Hunter-Lab	73.6306, 5.2442, -2.5894

Details

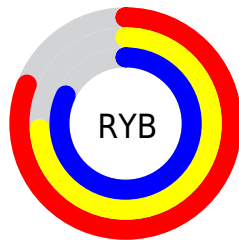
The XYZ color **55.3149, 54.2147, 67.2236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9785, 59.7345, 56.8846**, and the grayscale version is **52.7650, 55.5129, 60.4536**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **27.7738, 26.7137, 34.2643** is the 20% darker color. If you saturate the color by 10%, you get **50.8534, 45.7435, 65.8244**, and if you desaturate by 10%, it is **60.4233, 63.9750, 68.8391**.

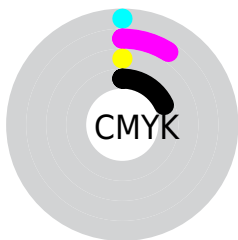
Distribution



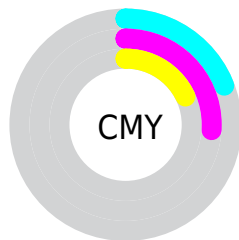
- Red (81%)
- Green (74%)
- Blue (82%)



- Red (81%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3149, 54.2147, 67.2236 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 55.3149, 54.2147, 67.2236 by changing the saturation by 10% instead.

■ 55.3149, 54.2147,
67.2236

■ 55.3149, 54.2147,
67.2236

397.2215,
402.9282, 469.2634

■ 39.8887, 38.7733,
48.8036

■ 97.1478, 96.3894,
116.8844

■ 27.6356, 26.5834,
34.0992

124.2853,
123.8916, 148.9624

■ 18.1902, 17.2606,
22.6919

156.0572,
156.1827, 186.4301

■ 11.1872, 10.4205,
14.1630

192.8290,
193.6474, 229.7060

■ 6.2611, 5.6786,
8.0941

234.9660,
236.6698, 279.2088

■ 3.0466, 2.6507,
4.0666

282.8335,

■ 1.1785, 0.9522,

285.6345, 335.3569

1.6619

336.7969,
340.9259, 398.5689

■ 0.0893, 0.0000,
0.3344

■ 0.0000, 0.0000,
0.0000

■ 55.3149, 54.2147,
67.2236

■ 55.3149, 54.2147,
67.2236

■ 50.8534, 45.7435,
65.8244

■ 60.4233, 63.9750,
68.8391

■ 47.0070, 38.5000,
64.6290

■ 66.1995, 75.0684,
70.6759

■ 43.7480, 32.4283,
63.6288

■ 72.6691, 87.5457,
72.7433

■ 41.0449, 27.4654,
62.8134

■ 74.1186, 89.9793,
73.1366

■ 38.8634, 23.5425,
62.1712

■ 74.4341, 90.1420,
73.1514

■ 37.1652, 20.5829,
61.6894

■ 74.7517, 90.3058,
73.1663

■ 35.9067, 18.4997,
61.3536

■ 75.0716, 90.4706,
73.1812

■ 35.0365, 17.1900,
61.1467

■ 75.3935, 90.6366,
73.1963

■ 34.4694, 16.4835,
61.0402

■ 75.7176, 90.8037,
73.2115

Harmonies

Analogous

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



53.3835, 54.2147, 71.9571



55.3149, 54.2147, 67.2236



56.2359, 54.2147, 60.5405

Triad

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



55.3149, 54.2147, 67.2236



52.0540, 54.2147, 46.8859



47.4244, 54.2147, 64.4351

Complementary

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



55.3149, 54.2147, 67.2236



52.9785, 59.7345, 56.8846

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.



47.0932, 54.2147, 57.5460



55.3149, 54.2147, 67.2236



49.7188, 54.2147, 47.7530

Square

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



55.3149, 54.2147, 67.2236



54.3160, 54.2147, 49.0647



47.9208, 54.2147, 51.5319



48.8399, 54.2147, 70.2621

Rectangle

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



55.3149, 54.2147, 67.2236



56.1334, 54.2147, 56.0140



47.9208, 54.2147, 51.5319



47.1844, 54.2147, 62.1536

Sweetspot

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



55.3165, 54.2170, 67.2248



92.5099, 95.1395, 108.0957



50.8451, 52.3182, 67.0939



19.6591, 20.0927, 23.0921



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.



55.3165, 54.2170, 67.2248



86.2043, 83.1119, 106.1065



54.6098, 53.9668, 62.0408



12.2468, 11.9760, 14.9098



21.4815, 10.2544, 38.0396



1.2204, 0.5833, 2.1278

Inverse Universe

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



53.5062, 53.5253, 56.2293



82.7583, 81.7960, 85.1360



53.6489, 59.9739, 61.7142



11.8336, 11.8182, 12.3996



16.2609, 8.3772, 1.0143



0.9183, 0.4720, 0.1044

Previews

White Background



This preview shows how the XYZ color 55.3149, 54.2147, 67.2236 looks on a white background.

Color Contrast Check

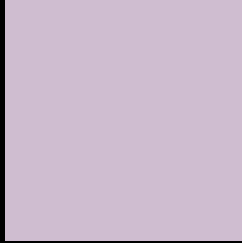
Large Text (above 18pt) WCAG AA × Fail

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 55.3149, 54.2147, 67.2236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

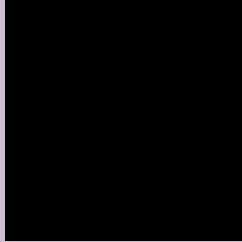
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3149, 54.2147, 67.2236

Background



This preview shows how black text looks on a background with the XYZ color 55.3149, 54.2147, 67.2236.



This preview shows how white text looks on a background with the XYZ color 55.3149, 54.2147,

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

55.3149, 54.2147, 67.2236

Protanopia

52.8202, 54.1805, 69.3020

Deuteranopia

55.3149, 54.2147, 67.2236



Tritanopia

54.7661, 54.3084, 64.7228

Trichromacy



Original Color

55.3149, 54.2147, 67.2236

Protanomaly

53.7712, 54.3582, 68.6309

Deuteranomaly

55.3149, 54.2147, 67.2236

Tritanomaly

54.8865, 54.3565, 65.3566

Monochromacy



Original Color

55.3149, 54.2147, 67.2236

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.9218, 55.2181, 63.0745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3149, 54.2147, 67.2236 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, 189, 208)` looks like.

```
.text, #text, p{  
    color:rgb(207, 189, 208)  
}
```

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, 189, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 189, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.3149, 54.2147, 67.2236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

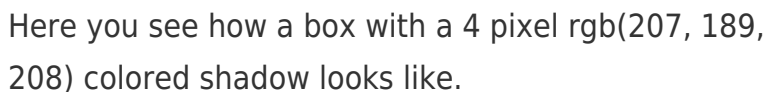
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 189, 208) }
```


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

```
.border{ border-color:rgb(207, 189, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 189, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 189, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 189, 208); box-shadow:4px 4px 4px 4px rgb(207, 189, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3149, 54.2147, 67.2236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 189, 208) }
```

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

```
.background{ background-color: rgb(207,  
189, 208) }
```

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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