

Converting Colors

XYZ(53.9376, 54.3054, 63.9698)

Have a look what the booklet for
XYZ(53.9376, 54.3054, 63.9698)
contains.

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Color

**XYZ(54.0389, 54.2699,
64.1269)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBFCB
RGB	203, 191, 203
RGB Percent	80%, 75%, 80%
CMY	0.2039, 0.2510, 0.2039
CMYK	0.00, 0.06, 0.00, 0.20
HSL	300°, 10%, 77%
HSV	300°, 6%, 80%
XYZ	54.0389, 54.2699, 64.1269
YIQ	195.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

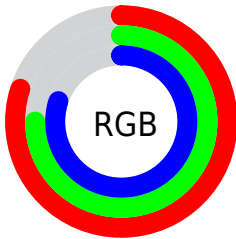
Format	Color
RYB	203, 191, 203
Decimal	13352907
CIELab	78.62, 6.38, -4.51
CIELCh	79, 7.809, 324.731
Yxy	54.2699, 0.3134, 0.3147
Android (android.graphics.Color)	4291542987 (0xFFCBBFCB)
YUV	195.9560, 3.4727, 6.1776
Hunter-Lab	73.6681, 2.0187, -0.0433

Details

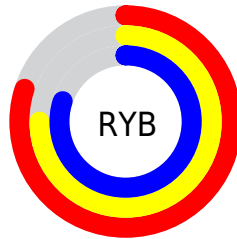
The XYZ color **54.0389, 54.2699, 64.1269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2478, 57.5513, 57.6478**, and the grayscale version is **52.4227, 55.1528, 60.0614**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **26.9077, 26.7364, 32.1762** is the 20% darker color. If you saturate the color by 10%, you get **49.9158, 46.0229, 62.7531**, and if you desaturate by 10%, it is **58.7787, 63.7487, 65.7076**.

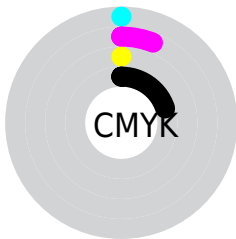
Distribution



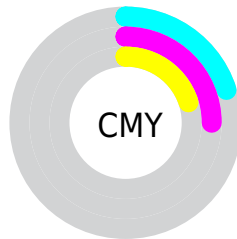
- Red (80%)
- Green (75%)
- Blue (80%)



- Red (80%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0389, 54.2699, 64.1269 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 54.0389, 54.2699, 64.1269 by changing the saturation by 10% instead.

■ 54.0389, 54.2699,
64.1269

■ 54.0389, 54.2699,
64.1269

392.4543,
403.1384, 457.8678

■ 38.8636, 38.8175,
46.3066

■ 95.2879, 96.4704,
112.3949

■ 26.8338, 26.6178,
32.1374

122.0923,
123.9873, 143.6797

■ 17.5844, 17.2864,
21.2008

153.5037,
156.2945, 180.2898

■ 10.7499, 10.4389,
13.0782

189.8876,
193.7763, 222.6436

■ 5.9650, 5.6909,
7.3511

231.6092,
236.8173, 271.1598

■ 2.8643, 2.6581,
3.6008

279.0340,

■ 1.0824, 0.9559,

285.8016, 326.2569

1.4090

332.5272,
341.1139, 388.3533

■ 0.0103, 0.0000,
0.1487

■ 0.0000, 0.0000,
0.0000

■ 54.0389, 54.2699,
64.1269

■ 54.0389, 54.2699,
64.1269

■ 49.9158, 46.0229,
62.7531

■ 58.7787, 63.7487,
65.7076

■ 46.3796, 38.9506,
61.5743

■ 64.1542, 74.4997,
67.4995

■ 43.4051, 33.0016,
60.5827

■ 70.1893, 86.5698,
69.5113

■ 40.9634, 28.1182,
59.7687

■ 71.1687, 88.5286,
69.8378

39.0230, 24.2375,
59.1218

71.1687, 88.5286,
69.8379

37.5492, 21.2899,
58.6305

71.1687, 88.5286,
69.8380

36.5028, 19.1971,
58.2816

71.1687, 88.5286,
69.8381

35.8382, 17.8679,
58.0600

71.1688, 88.5286,
69.8382

35.4986, 17.1888,
57.9467

71.1688, 88.5286,
69.8383

Harmonies

Analogous

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



52.8314, 54.2699, 67.1376



54.0389, 54.2699, 64.1269



54.5888, 54.2699, 59.8734

Triad

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



54.0389, 54.2699, 64.1269



51.8545, 54.2699, 51.0376



48.9374, 54.2699, 62.7121

Complementary

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



54.0389, 54.2699, 64.1269



52.2478, 57.5513, 57.6478

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.



48.6875, 54.2699, 58.3149



54.0389, 54.2699, 64.1269



50.3523, 54.2699, 51.7139

Square

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



54.0389, 54.2699, 64.1269



53.3117, 54.2699, 52.4301



49.2006, 54.2699, 54.3253



49.8900, 54.2699, 66.2927

Rectangle

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



54.0389, 54.2699, 64.1269



54.5007, 54.2699, 56.9592



49.2006, 54.2699, 54.3253



48.7692, 54.2699, 61.2747

Sweetspot

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



54.0405, 54.2722, 64.1281



93.4445, 96.7891, 108.3648



50.8985, 52.6525, 63.9811



20.0178, 20.7505, 23.2001



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.



54.0405, 54.2722, 64.1281



89.6176, 89.1353, 107.0891



53.3392, 53.9917, 60.4353



11.8662, 11.7611, 14.2151



22.5334, 10.8240, 36.8573



1.1625, 0.5584, 1.9014

Inverse Universe

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



54.0405, 54.2722, 64.1281



89.6176, 89.1353, 107.0891



52.9217, 57.8209, 61.1964



11.8662, 11.7611, 14.2151



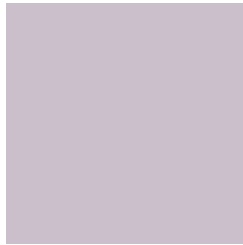
22.5334, 10.8240, 36.8573



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 54.0389, 54.2699, 64.1269 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 54.0389, 54.2699, 64.1269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

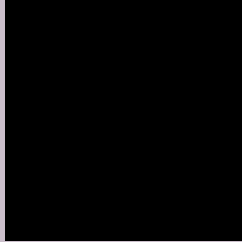
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0389, 54.2699, 64.1269

Background



This preview shows how black text looks on a background with the XYZ color 54.0389, 54.2699, 64.1269.



This preview shows how white text looks on a background with the XYZ color 54.0389, 54.2699,

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

54.0389, 54.2699, 64.1269

Protanopia

52.4747, 54.1017, 64.8037

Deuteranopia

55.2716, 54.2623, 64.0605



Tritanopia

54.4000, 54.4143, 66.0284

Trichromacy



Original Color

54.0389, 54.2699, 64.1269

Protanomaly

53.0374, 54.0647, 64.7669

Deuteranomaly

54.9251, 54.4041, 64.1061

Tritanomaly

54.2788, 54.3659, 65.3905

Monochromacy



Original Color

54.0389, 54.2699, 64.1269

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.1538, 54.8492, 61.8183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0389, 54.2699, 64.1269 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, 191, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 191, 203)  
}
```

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, 191, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 191, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.0389, 54.2699, 64.1269 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, 191, 203) }
```


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

```
.border{ border-color:rgb(203, 191, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 191, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 191, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 191, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 191,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0389, 54.2699, 64.1269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 191, 203) }
```

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

```
.background{ background-color: rgb(203,  
191, 203) }
```

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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