

Converting Colors

XYZ(54.6725, 53.5378, 67.0768)

Have a look what the booklet for
XYZ(54.6725, 53.5378, 67.0768)
contains.

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Color

**XYZ(54.8220, 53.6423,
67.1391)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBCD0
RGB	206, 188, 208
RGB Percent	81%, 74%, 82%
CMY	0.1922, 0.2627, 0.1843
CMYK	0.01, 0.10, 0.00, 0.18
HSL	294°, 18%, 78%
HSV	294°, 10%, 82%
XYZ	54.8220, 53.6423, 67.1391
YIQ	195.6620, 4.3080, 10.0360

Conversions

Conversions Part 2

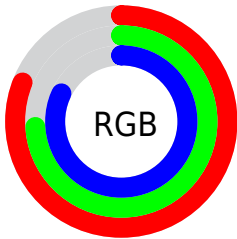
Format	Color
R _Y B	206, 188, 208
Decimal	13548752
CIE Lab	78.25, 9.94, -7.72
CIE LCh	78, 12.593, 322.161
Yxy	53.6423, 0.3122, 0.3055
Android (android.graphics.Color)	4291738832 (0xFFCEBCD0)
YUV	195.6620, 6.0826, 9.0664
Hunter-Lab	73.2409, 5.4386, -3.0818

Details

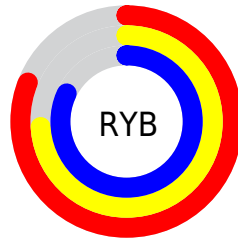
The XYZ color **54.8220, 53.6423, 67.1391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8701, 59.6911, 56.3146**, and the grayscale version is **52.2312, 54.9513, 59.8419**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **27.4456, 26.3364, 34.2088** is the 20% darker color. If you saturate the color by 10%, you get **50.1218, 45.0928, 65.7374**, and if you desaturate by 10%, it is **60.1733, 63.4811, 68.7569**.

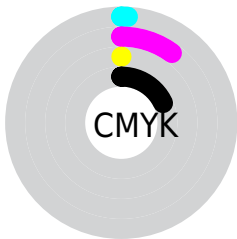
Distribution



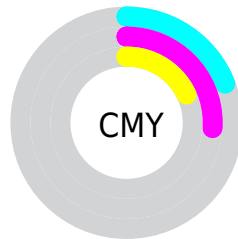
- Red (81%)
- Green (74%)
- Blue (82%)



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



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8220, 53.6423, 67.1391 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 54.8220, 53.6423, 67.1391 by changing the saturation by 10% instead.

■ 54.8220, 53.6423,
67.1391

■ 54.8220, 53.6423,
67.1391

395.3842,
400.7445, 468.9547

■ 39.4925, 38.3158,
48.7354

■ 96.4300, 95.5488,
116.7622

■ 27.3255, 26.2279,
34.0455

123.4391,
122.8976, 148.8187

■ 17.9557, 16.9942,
22.6509

155.0722,
155.0226, 186.2632

■ 11.0177, 10.2303,
14.1331

191.6946,
192.3082, 229.5143

■ 6.1461, 5.5519,
8.0735

233.6717,
235.1388, 278.9904

■ 2.9756, 2.5746,
4.0536

281.3687,

■ 1.1409, 0.9139,

283.8988, 335.1102

1.6548

335.1511,
338.9726, 398.2921

■ 0.0589, 0.0000,
0.3295

■ 0.0000, 0.0000,
0.0000

■ 54.8220, 53.6423,
67.1391

■ 54.8220, 53.6423,
67.1391

■ 50.1218, 45.0928,
65.7374

■ 60.1733, 63.4811,
68.7569

■ 46.0409, 37.7712,
64.5393

■ 66.1968, 74.6535,
70.5960

■ 42.5513, 31.6213,
63.5362

■ 72.9181, 87.2104,
72.6654

■ 39.6217, 26.5799,
62.7175

■ 74.9710, 90.4188,
73.1765

37.2172, 22.5777,
62.0717

75.5832, 90.7344,
73.2052

35.2995, 19.5378,
61.5860

76.2032, 91.0540,
73.2342

33.8245, 17.3724,
61.2458

76.8310, 91.3777,
73.2636

32.7405, 15.9779,
61.0338

77.4667, 91.7054,
73.2933

31.9562, 15.1718,
60.9195

78.1103, 92.0371,
73.3234

Harmonies

Analogous

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



52.7947, 53.6423, 71.9065



54.8220, 53.6423, 67.1391



55.8279, 53.6423, 60.2790

Triad

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



54.8220, 53.6423, 67.1391



51.6348, 53.6423, 45.9623



46.7194, 53.6423, 63.6802

Complementary

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



54.8220, 53.6423, 67.1391



52.8701, 59.6911, 56.3146

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.



46.4314, 53.6423, 56.5748



54.8220, 53.6423, 67.1391



49.2179, 53.6423, 46.7131

Square

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



54.8220, 53.6423, 67.1391



53.9495, 53.6423, 48.3271



47.3321, 53.6423, 50.4675



48.1319, 53.6423, 69.8001

Rectangle

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



54.8220, 53.6423, 67.1391



55.7620, 53.6423, 55.5935



47.3321, 53.6423, 50.4675



46.4897, 53.6423, 61.3146

Sweetspot

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



54.8236, 53.6446, 67.1403



92.3770, 95.0710, 108.0895



50.6122, 52.2194, 67.0871



19.6231, 20.0741, 23.0904



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.



54.8236, 53.6446, 67.1403



84.9364, 81.4308, 105.8488



54.4617, 53.5644, 62.3182



12.1894, 11.9465, 14.9071



19.9456, 9.4626, 37.9677



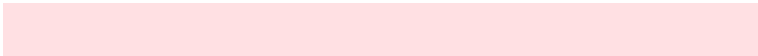
1.1497, 0.5469, 2.1245

Inverse Universe

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



53.2918, 53.0964, 56.1576



81.9320, 80.3581, 84.1989



53.2227, 59.7749, 60.7604



11.8561, 11.8272, 12.5180



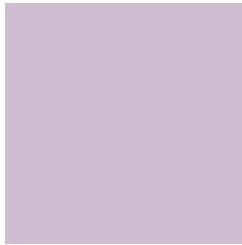
16.3123, 8.3977, 1.2846



0.9288, 0.4763, 0.1601

Previews

White Background



This preview shows how the XYZ color 54.8220, 53.6423, 67.1391 looks on a white background.

Color Contrast Check

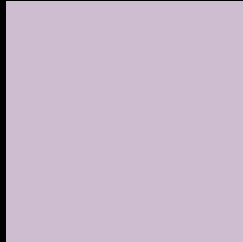
Large Text (above 18pt) WCAG AA × Fail

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 54.8220, 53.6423, 67.1391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

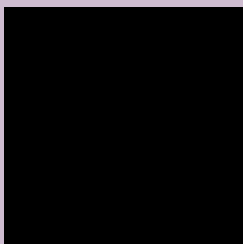
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

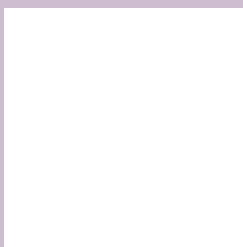
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8220, 53.6423, 67.1391

Background



This preview shows how black text looks on a background with the XYZ color 54.8220, 53.6423, 67.1391.



This preview shows how white text looks on a background with the XYZ color 54.8220, 53.6423,

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

54.8220, 53.6423, 67.1391

Protanopia

52.3457, 53.6089, 69.2167

Deuteranopia

54.8220, 53.6423, 67.1391



Tritanopia

54.2735, 53.7340, 64.6379

Trichromacy



Original Color

54.8220, 53.6423, 67.1391

Protanomaly

53.2896, 53.7851, 68.5457

Deuteranomaly

54.8220, 53.6423, 67.1391

Tritanomaly

54.3939, 53.7821, 65.2717

Monochromacy



Original Color

54.8220, 53.6423, 67.1391

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.3147, 54.5894, 62.3704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8220, 53.6423, 67.1391 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, 188, 208) looks like.

```
.text, #text, p{  
    color:rgb(206, 188, 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(206, 188, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 188, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.8220, 53.6423, 67.1391 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, 188, 208) }
```


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

```
.border{ border-color:rgb(206, 188, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 188, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 188, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 188, 208);  
box-shadow:4px 4px 4px 4px rgb(206, 188,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8220, 53.6423, 67.1391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 188, 208) }
```

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

```
.background{ background-color: rgb(206,  
188, 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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