

Converting Colors

XYZ(54.0194, 53.6888, 66.4303)

Have a look what the booklet for
XYZ(54.0194, 53.6888, 66.4303)
contains.

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Color

**XYZ(54.0887, 53.5967,
66.5259)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBDCF
RGB	203, 189, 207
RGB Percent	80%, 74%, 81%
CMY	0.2039, 0.2588, 0.1882
CMYK	0.02, 0.09, 0.00, 0.19
HSL	287°, 16%, 78%
HSV	287°, 9%, 81%
XYZ	54.0887, 53.5967, 66.5259
YIQ	195.2380, 2.5660, 8.5660

Conversions

Conversions Part 2

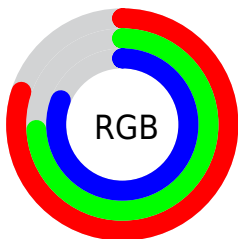
Format	Color
R_{YB}	203, 189, 207
Decimal	13352399
CIE _{Lab}	78.23, 8.20, -7.25
CIE _{LCh}	78, 10.943, 318.500
Yxy	53.5967, 0.3105, 0.3077
Android (android.graphics.Color)	4291542479 (0xFFCBBDCF)
YUV	195.2380, 5.7987, 6.8073
Hunter-Lab	73.2098, 3.7619, -2.6301

Details

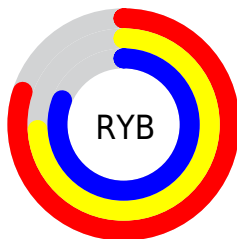
The XYZ color **54.0887, 53.5967, 66.5259** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4924, 59.6386, 56.8389**, and the grayscale version is **51.9804, 54.6874, 59.5546**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **26.9484, 26.2978, 33.7926** is the 20% darker color. If you saturate the color by 10%, you get **48.7161, 44.6832, 65.0894**, and if you desaturate by 10%, it is **60.1371, 63.8049, 68.1783**.

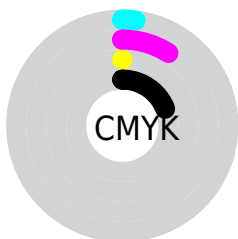
Distribution



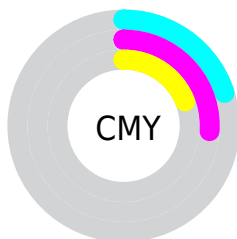
- Red (80%)
- Green (74%)
- Blue (81%)



- Red (80%)
- Yellow (74%)
- Blue (81%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0887, 53.5967, 66.5259 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 54.0887, 53.5967, 66.5259 by changing the saturation by 10% instead.

■ 54.0887, 53.5967,
66.5259

■ 54.0887, 53.5967,
66.5259

392.6410,
400.5702, 466.7108

■ 38.9035, 38.2793,
48.2403

■ 95.3606, 95.4818,
115.8750

■ 26.8651, 26.1996,
33.6559

122.1780,
122.8184, 147.7755

■ 17.6080, 16.9730,
22.3541

153.6036,
154.9301, 185.0515

■ 10.7669, 10.2152,
13.9165

190.0027,
192.2014, 228.1213

■ 5.9764, 5.5419,
7.9246

231.7406,
235.0167, 277.4036

■ 2.8713, 2.5686,
3.9596

279.1827,

■ 1.0861, 0.9109,

283.7603, 333.3170

1.6032

332.6944,
338.8167, 396.2798

■ 0.0134, 0.0000,
0.2931

■ 0.0000, 0.0000,
0.0000

■ 54.0887, 53.5967,
66.5259

■ 54.0887, 53.5967,
66.5259

■ 48.7161, 44.6832,
65.0894

■ 60.1371, 63.8049,
68.1783

■ 43.9875, 37.0039,
63.8564

■ 66.8822, 75.3516,
70.0515

■ 39.8755, 30.5035,
62.8184

■ 74.3495, 88.2867,
72.1547

■ 36.3487, 25.1198,
61.9651

■ 76.9646, 91.4607,
72.6295

■ 33.3730, 20.7848,
61.2852

■ 78.3881, 92.1945,
72.6961

■ 30.9103, 17.4232,
60.7662

■ 79.8503, 92.9484,
72.7646

■ 28.9176, 14.9493,
60.3937

■ 81.3516, 93.7223,
72.8348

■ 27.3442, 13.2623,
60.1510

■ 82.8921, 94.5165,
72.9069

■ 26.1103, 12.2029,
60.0115

■ 84.4723, 95.3311,
72.9809

Harmonies

Analogous

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



52.2598, 53.5967, 70.2708



54.0887, 53.5967, 66.5259



55.0846, 53.5967, 60.7406

Triad

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



54.0887, 53.5967, 66.5259



51.7674, 53.5967, 47.5476



47.1360, 53.5967, 62.1801

Complementary

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



54.0887, 53.5967, 66.5259



53.4924, 59.6386, 56.8389

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.



47.0126, 53.5967, 56.0380



54.0887, 53.5967, 66.5259



49.6466, 53.5967, 47.8734

Square

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



54.0887, 53.5967, 66.5259



53.7196, 53.5967, 49.9635



47.9199, 53.5967, 50.8871



48.2620, 53.5967, 67.6431

Rectangle

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



54.0887, 53.5967, 66.5259



55.1241, 53.5967, 56.6319



47.9199, 53.5967, 50.8871



46.9771, 53.5967, 60.1182

Sweetspot

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



54.0903, 53.5990, 66.5271



92.0351, 94.8948, 108.0735



51.3652, 53.5546, 66.6621



19.5305, 20.0264, 23.0861



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.



54.0903, 53.5990, 66.5271



85.3935, 83.7366, 106.2698



54.6157, 53.9367, 63.5350



12.0431, 11.8710, 14.9003



16.4397, 7.6553, 37.8036



0.9841, 0.4615, 2.1168

Inverse Universe

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



53.5572, 53.5133, 57.9610



84.4175, 83.5836, 90.4081



53.0161, 59.3319, 59.5814



11.9148, 11.8507, 12.8271



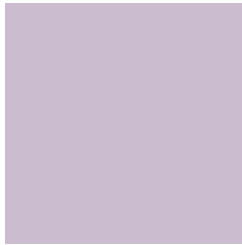
16.5527, 8.4939, 2.5508



0.9562, 0.4872, 0.3040

Previews

White Background



This preview shows how the XYZ color 54.0887, 53.5967, 66.5259 looks on a white background.

Color Contrast Check

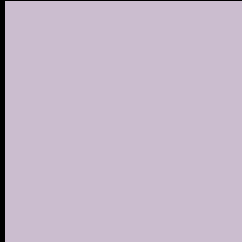
Large Text (above 18pt) WCAG AA × Fail

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 54.0887, 53.5967, 66.5259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

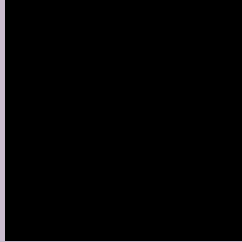
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0887, 53.5967, 66.5259

Background



This preview shows how black text looks on a background with the XYZ color 54.0887, 53.5967, 66.5259.



This preview shows how white text looks on a background with the XYZ color 54.0887, 53.5967,

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

54.0887, 53.5967, 66.5259

Protanopia

52.0965, 53.5092, 67.9041

Deuteranopia

54.6993, 53.5932, 66.4931



Tritanopia

53.7253, 53.4513, 64.6123

Trichromacy



Original Color

54.0887, 53.5967, 66.5259

Protanomaly

52.7809, 53.5514, 67.2291

Deuteranomaly

54.4225, 53.4506, 66.4801

Tritanomaly

53.8456, 53.4995, 65.2461

Monochromacy



Original Color

54.0887, 53.5967, 66.5259

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.6675, 54.2692, 61.7320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0887, 53.5967, 66.5259 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, 189, 207) looks like.

```
.text, #text, p{  
    color:rgb(203, 189, 207)  
}
```

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, 189, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 189, 207) }
```

Border

The CSS property to change the border of an element to XYZ 54.0887, 53.5967, 66.5259 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, 189, 207) }
```


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

```
.border{ border-color:rgb(203, 189, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 189, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 189, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 189, 207);  
box-shadow:4px 4px 4px 4px rgb(203, 189,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0887, 53.5967, 66.5259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 189, 207) }
```

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

```
.background{ background-color: rgb(203,  
189, 207) }
```

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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