

Converting Colors

XYZ(57.4712, 54.7200,
102.1407)

Have a look what the booklet for
XYZ(57.4712, 54.7200, 102.1407)
contains.

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Color

**XYZ(57.6987, 54.9941,
102.1816)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBEFF
RGB	190, 190, 255
RGB Percent	75%, 75%, 100%
CMY	0.2549, 0.2549, 0.0000
CMYK	0.25, 0.25, 0.00, 0.00
HSL	240°, 100%, 87%
HSV	240°, 25%, 100%
XYZ	57.6987, 54.9941, 102.1816
YIQ	197.4100, -20.8650, 20.2150

Conversions

Conversions Part 2

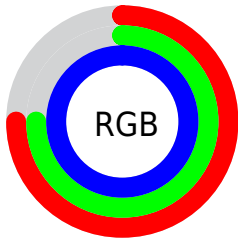
Format	Color
R _Y B	190, 190, 255
Decimal	12500735
CIE Lab	79.04, 13.72, -31.95
CIE LCh	79, 34.771, 293.234
Yxy	54.9941, 0.2685, 0.2559
Android (android.graphics.Color)	4290690815 (0xFFBEBEFF)
YUV	197.4100, 28.3919, -6.4986
Hunter-Lab	74.1580, 9.1056, -29.7845

Details

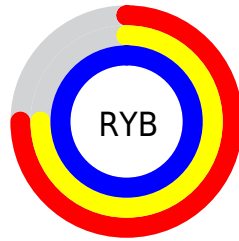
The XYZ color **57.6987, 54.9941, 102.1816** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.2944, 96.4974, 62.7947**, and the grayscale version is **53.1629, 55.9315, 60.9094**.

A 20% lighter version of the original color is **89.3635, 92.9057, 107.8304**, and **29.1304, 27.1194, 57.1253** is the 20% darker color. If you saturate the color by 10%, you get **46.8298, 41.8980, 100.2267**, and if you desaturate by 10%, it is **70.6513, 70.6012, 104.5114**.

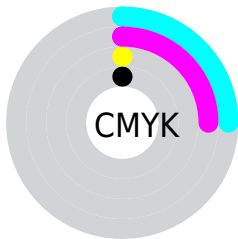
Distribution



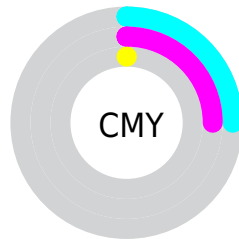
- Red (75%)
- Green (75%)
- Blue (100%)



- Red (75%)
- Yellow (75%)
- Blue (100%)



- Cyan (25%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6987, 54.9941, 102.1816 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 57.6987, 54.9941, 102.1816 by changing the saturation by 10% instead.

■ 57.6987, 54.9941,
102.1816

■ 57.6987, 54.9941,
102.1816

406.0343,
405.8896, 588.4710

■ 41.8088, 39.3970,
77.4967

■ 100.6095, 97.5323,
166.2299

■ 29.1421, 27.0687,
57.1467

128.3610,
125.2422, 206.4305

■ 19.3331, 17.6248,
40.7128

160.7972,
157.7585, 252.6400

■ 12.0167, 10.6810,
27.7768

198.2833,
195.4656, 305.2770

■ 6.8273, 5.8527,
17.9199

241.1847,
238.7478, 364.7601

■ 3.3997, 2.7557,
10.7236

289.8667,

■ 1.3685, 1.0056,

287.9896, 431.5077

5.7695

344.6948,
343.5754, 505.9385

■ 0.2336, 0.0000,
2.6389

■ 0.0000, 0.0000,
0.9124

■ 57.6987, 54.9941,
102.1816

■ 57.6987, 54.9941,
102.1816

■ 46.8298, 41.8980,
100.2267

■ 70.6513, 70.6012,
104.5114

■ 37.9313, 31.1758,
98.6261

■ 85.7830, 88.8340,
107.2332

■ 30.8866, 22.6874,
97.3590

95.0500, 100.0000,
108.9000

■ 25.5650, 16.2752,
96.4017

■ 21.8186, 11.7610,
95.7279

■ 19.4748, 8.9369,
95.3063

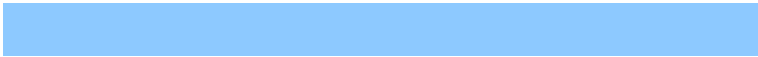
■ 18.3203, 7.5458,
95.0986

■ 18.0500, 7.2201,
95.0500

Harmonies

Analogous

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



50.7177, 54.9941, 106.2704



57.6987, 54.9941, 102.1816



63.6743, 54.9941, 85.7164

Triad

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



57.6987, 54.9941, 102.1816



60.6487, 54.9941, 34.2391



40.1355, 54.9941, 55.4994

Complementary

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



57.6987, 54.9941, 102.1816



86.2944, 96.4974, 62.7947

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.



42.3162, 54.9941, 39.8380



57.6987, 54.9941, 102.1816



53.8542, 54.9941, 29.4416

Square

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



57.6987, 54.9941, 102.1816



65.4798, 54.9941, 46.0653



47.1934, 54.9941, 31.2374



40.9686, 54.9941, 76.2107

Rectangle

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



57.6987, 54.9941, 102.1816



66.0785, 54.9941, 71.5623



47.1934, 54.9941, 31.2374



40.5335, 54.9941, 49.5424

Sweetspot

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



57.7003, 54.9962, 102.1819



81.7730, 84.0022, 106.5119



74.8721, 89.6180, 107.0478



17.0031, 17.3778, 22.7080



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.



57.7003, 54.9962, 102.1819



51.4589, 47.4757, 101.0593



66.4105, 59.4862, 102.5895



17.0031, 17.3778, 22.7080



9.4315, 3.7727, 49.6657



0.9183, 0.3673, 4.8358

Inverse Universe

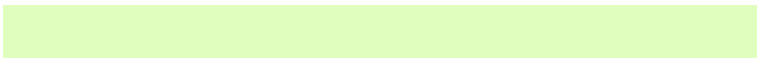
The Inverse Universe completely reimagines the original color for something new.



68.9489, 61.8062, 57.0133



64.5871, 55.4237, 48.3426



75.6666, 91.0189, 62.2974



18.0095, 17.9871, 18.6670



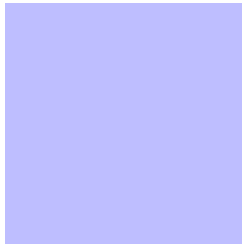
21.5488, 11.1088, 1.0085



2.0981, 1.0816, 0.0982

Previews

White Background



This preview shows how the XYZ color 57.6987, 54.9941, 102.1816 looks on a white background.

Color Contrast Check

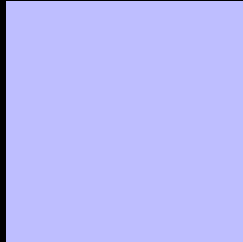
Large Text (above 18pt) WCAG AA × Fail

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 57.6987, 54.9941, 102.1816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

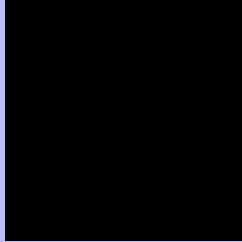
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6987, 54.9941, 102.1816

Background



This preview shows how black text looks on a background with the XYZ color 57.6987, 54.9941, 102.1816.

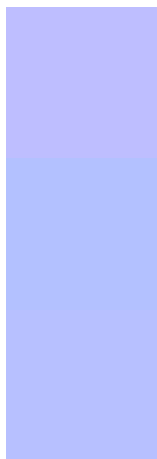


This preview shows how white text looks on a background with the XYZ color 57.6987, 54.9941,

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

57.6987, 54.9941, 102.1816

Protanopia

55.7104, 54.9436, 102.2767

Deuteranopia

56.4281, 54.9866, 102.2471



Tritanopia

51.4957, 55.1373, 70.8792

Trichromacy



Original Color

57.6987, 54.9941, 102.1816

Protanomaly

56.4281, 54.9866, 102.2471

Deuteranomaly

56.9305, 54.9207, 102.2079

Tritanomaly

53.5263, 54.9459, 81.1833

Monochromacy



Original Color

57.6987, 54.9941, 102.1816

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.1948, 55.1149, 74.1115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6987, 54.9941, 102.1816 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(190, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 190, 255)  
}
```

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(190, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 190, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.6987, 54.9941, 102.1816 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(190, 190, 255) }
```


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

```
.border{ border-color:rgb(190, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 190,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6987, 54.9941, 102.1816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 190, 255) }
```

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

```
.background{ background-color: rgb(190,  
190, 255) }
```

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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