

Converting Colors

XYZ(57.1601, 56.7592, 99.2097)

Have a look what the booklet for
XYZ(57.1601, 56.7592, 99.2097)
contains.

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Color

**XYZ(57.1601, 56.7592,
99.2097)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C4FB
RGB	185, 196, 251
RGB Percent	73%, 77%, 98%
CMY	0.2745, 0.2314, 0.0157
CMYK	0.26, 0.22, 0.00, 0.02
HSL	230°, 89%, 85%
HSV	230°, 26%, 98%
XYZ	57.1601, 56.7592, 99.2097
YIQ	198.9810, -24.2110, 14.7730

Conversions

Conversions Part 2

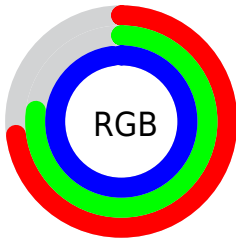
Format	Color
RYB	185, 194, 251
Decimal	12174587
CIELab	80.04, 8.06, -28.30
CIELCh	80, 29.425, 285.895
Yxy	56.7592, 0.2682, 0.2663
Android (android.graphics.Color)	4290364667 (0xFFB9C4FB)
YUV	198.9810, 25.6454, -12.2613
Hunter-Lab	75.3387, 3.5867, -25.3389

Details

The XYZ color **57.1601, 56.7592, 99.2097** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.7015, 86.3326, 58.3638**, and the grayscale version is **54.1347, 56.9540, 62.0229**.

A 20% lighter version of the original color is **89.7932, 96.3478, 108.4721**, and **28.7707, 28.0663, 54.9399** is the 20% darker color. If you saturate the color by 10%, you get **47.2376, 45.1228, 97.4876**, and if you desaturate by 10%, it is **68.8128, 70.2665, 101.2037**.

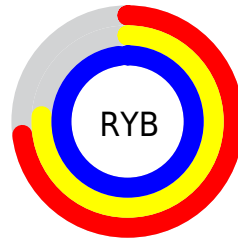
Distribution



Red (73%)

Green (77%)

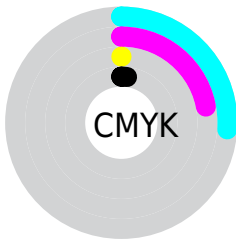
Blue (98%)



Red (73%)

Yellow (76%)

Blue (98%)

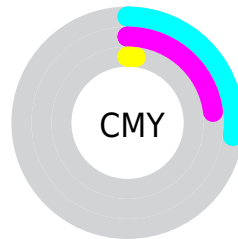


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (23%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1601, 56.7592, 99.2097 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 57.1601, 56.7592, 99.2097 by changing the saturation by 10% instead.

■ 57.1601, 56.7592,
99.2097

■ 57.1601, 56.7592,
99.2097

404.0534,
412.5464, 578.8809

■ 41.3744, 40.8119,
75.0275

■ 99.8288, 100.1137,
162.1131

■ 28.8007, 28.1722,
55.1335

127.4425,
128.2898, 201.6714

■ 19.0737, 18.4555,
39.1093

159.7296,
161.3110, 247.1921

■ 11.8278, 11.2775,
26.5363

197.0554,
199.5616, 299.0937

■ 6.6979, 6.2538,
16.9959

239.7854,
243.4260, 357.7949

■ 3.3185, 3.0000,
10.0697

288.2848,

■ 1.3244, 1.1317,

293.2887, 423.7141

5.3390

342.9190,
349.5340, 497.2700

■ 0.2014, 0.0049,
2.3853

■ 0.0000, 0.0000,
0.7784

■ 57.1601, 56.7592,
99.2097

■ 57.1601, 56.7592,
99.2097

■ 47.2376, 45.1228,
97.4876

■ 68.8128, 70.2665,
101.2037

■ 38.9567, 35.2675,
96.0218

■ 82.2679, 85.7159,
103.4765

■ 32.2288, 27.1061,
94.8011

■ 94.4128, 99.7451,
105.5443

■ 26.9547, 20.5411,
93.8119

■ 23.0236, 15.4650,
93.0393

■ 20.3078, 11.7560,
92.4665

■ 18.6524, 9.2714,
92.0742

■ 18.2350, 8.6096,
91.9684

Harmonies

Analogous

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



51.1928, 56.7592, 99.5753



57.1601, 56.7592, 99.2097



62.6368, 56.7592, 87.6824

Triad

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



57.1601, 56.7592, 99.2097



62.3566, 56.7592, 41.0347



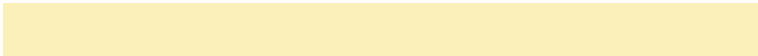
43.5428, 56.7592, 54.1151

Complementary

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



57.1601, 56.7592, 99.2097



79.7015, 86.3326, 58.3638

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.



46.1022, 56.7592, 41.5910



57.1601, 56.7592, 99.2097



56.8002, 56.7592, 35.0397

Square

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



57.1601, 56.7592, 99.2097



65.7850, 56.7592, 53.2104



50.8584, 56.7592, 35.2224



43.6234, 56.7592, 71.2700

Rectangle

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



57.1601, 56.7592, 99.2097



65.1441, 56.7592, 76.2563



50.8584, 56.7592, 35.2224



44.1142, 56.7592, 49.2989

Sweetspot

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



57.1619, 56.7615, 99.2110



82.7537, 85.9635, 106.8388



70.0713, 85.5359, 94.4020



17.2476, 17.8668, 22.7895



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.



57.1619, 56.7615, 99.2110



53.1428, 51.6912, 101.7842



60.1889, 54.7722, 98.6675



16.5168, 17.1104, 21.8174



9.6547, 4.6649, 48.3651



0.9584, 0.5605, 4.5009

Inverse Universe

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



67.0979, 59.1944, 60.1162



65.2302, 54.8887, 54.1712



75.9206, 89.3378, 59.1431



17.3626, 17.2724, 18.4993



21.1653, 10.8818, 2.3128



1.9927, 1.0208, 0.3849

Previews

White Background



This preview shows how the XYZ color 57.1601, 56.7592, 99.2097 looks on a white background.

Color Contrast Check

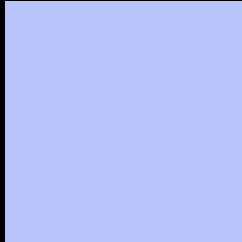
Large Text (above 18pt) WCAG AA × Fail

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 57.1601, 56.7592, 99.2097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

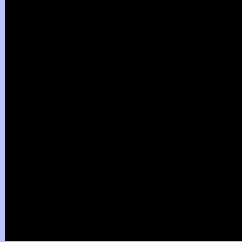
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1601, 56.7592, 99.2097

Background



This preview shows how black text looks on a background with the XYZ color 57.1601, 56.7592, 99.2097.



This preview shows how white text looks on a background with the XYZ color 57.1601, 56.7592,

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

57.1601, 56.7592, 99.2097

Protanopia

57.1601, 56.7592, 99.2097

Deuteranopia

58.1629, 56.9424, 99.1923



Tritanopia

52.1355, 56.7680, 74.5391

Trichromacy



Original Color

57.1601, 56.7592, 99.2097

Protanomaly

57.1601, 56.7592, 99.2097

Deuteranomaly

57.6667, 56.6866, 99.1690

Tritanomaly

53.9933, 56.8455, 82.9894

Monochromacy



Original Color

57.1601, 56.7592, 99.2097

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.0971, 56.9195, 74.4123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1601, 56.7592, 99.2097 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(185, 196, 251)` looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 251)  
}
```

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(185, 196, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 251) }
```

Border

The CSS property to change the border of an element to XYZ 57.1601, 56.7592, 99.2097 is called "border". The border property can be set on classes, ids or directly on the HTML element.

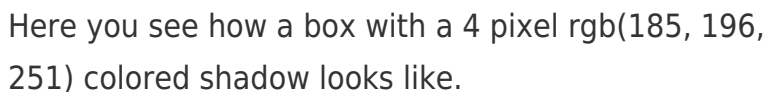
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 196, 251) }
```


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

```
.border{ border-color:rgb(185, 196, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 196, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 196, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 196, 251); box-shadow:4px 4px 4px 4px rgb(185, 196, 251) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1601, 56.7592, 99.2097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 251) }
```

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

```
.background{ background-color: rgb(185,  
196, 251) }
```

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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