

Converting Colors

XYZ(59.2599, 58.0704, 88.9743)

Have a look what the booklet for
XYZ(59.2599, 58.0704, 88.9743)
contains.

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Color

**XYZ(59.2599, 58.0704,
88.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C4EE
RGB	201, 196, 238
RGB Percent	79%, 77%, 93%
CMY	0.2118, 0.2314, 0.0667
CMYK	0.16, 0.18, 0.00, 0.07
HSL	247°, 55%, 85%
HSV	247°, 18%, 93%
XYZ	59.2599, 58.0704, 88.9743
YIQ	202.2830, -10.5020, 14.1220

Conversions

Conversions Part 2

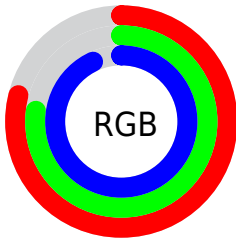
Format	Color
R _Y B	201, 196, 238
Decimal	13223150
CIE Lab	80.78, 10.00, -20.12
CIE LCh	81, 22.471, 296.427
Yxy	58.0704, 0.2872, 0.2815
Android (android.graphics.Color)	4291413230 (0xFFC9C4EE)
YUV	202.2830, 17.6085, -1.1252
Hunter-Lab	76.2039, 5.4534, -15.8831

Details

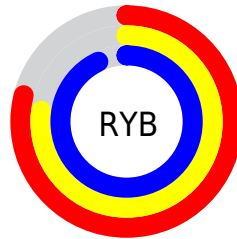
The XYZ color **59.2599, 58.0704, 88.9743** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.1446, 82.4597, 64.2357**, and the grayscale version is **56.2153, 59.1429, 64.4066**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **30.1491, 28.9264, 48.2503** is the 20% darker color. If you saturate the color by 10%, you get **49.0546, 45.4634, 87.0797**, and if you desaturate by 10%, it is **71.0898, 72.7819, 91.1913**.

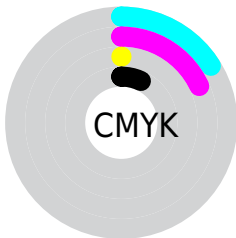
Distribution



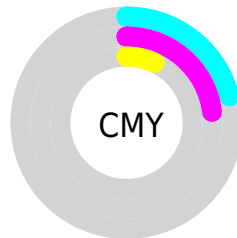
- Red (79%)
- Green (77%)
- Blue (93%)



- Red (79%)
- Yellow (77%)
- Blue (93%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2599, 58.0704, 88.9743 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 59.2599, 58.0704, 88.9743 by changing the saturation by 10% instead.

■ 59.2599, 58.0704,
88.9743

■ 59.2599, 58.0704,
88.9743

411.7430,
417.4482, 545.1724

■ 43.0695, 41.8652,
66.5613

102.8678,
102.0254, 147.8359

■ 30.1344, 28.9958,
48.2689

131.0160,
130.5440, 185.1216

■ 20.0892, 19.0776,
33.6784

163.8809,
163.9359, 228.2019

■ 12.5686, 11.7264,
22.3713

201.8279,
202.5854, 277.4954

■ 7.2071, 6.5577,
13.9290

245.2222,
246.8770, 333.4207

■ 3.6394, 3.1870,
7.9331

294.4292,

■ 1.5002, 1.2301,

297.1951, 396.3963

3.9650

349.8144,
353.9240, 466.8407

■ 0.3260, 0.0861,
1.6062

■ 0.0000, 0.0000,
0.2952

■ 59.2599, 58.0704,
88.9743

■ 59.2599, 58.0704,
88.9743

■ 49.0546, 45.4634,
87.0797

■ 71.0898, 72.7819,
91.1913

■ 40.3975, 34.8577,
85.4889

■ 84.6054, 89.6805,
93.7407

■ 33.2139, 26.1520,
84.1871

■ 92.4328, 98.9531,
95.1180

■ 27.4211, 19.2334,
83.1570

■ 22.9279, 13.9770,
82.3793

■ 19.6321, 10.2417,
81.8320

■ 17.4156, 7.8623,
81.4895

■ 16.1291, 6.6224,
81.3180

■ 15.9205, 6.4246,
81.2908

Harmonies

Analogous

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



54.6402, 58.0704, 92.3048



59.2599, 58.0704, 88.9743



62.9644, 58.0704, 78.4334

Triad

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



59.2599, 58.0704, 88.9743



60.2751, 58.0704, 44.2437



46.7619, 58.0704, 61.6502

Complementary

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



59.2599, 58.0704, 88.9743



74.1446, 82.4597, 64.2357

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.



48.0910, 58.0704, 50.1283



59.2599, 58.0704, 88.9743



55.7519, 58.0704, 41.0065

Square

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



59.2599, 58.0704, 88.9743



63.5733, 58.0704, 52.5274



51.3188, 58.0704, 43.0009



47.5857, 58.0704, 75.2930

Rectangle

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



59.2599, 58.0704, 88.9743



64.3267, 58.0704, 69.4153



51.3188, 58.0704, 43.0009



46.9697, 58.0704, 57.4213

Sweetspot

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



59.2617, 58.0728, 88.9756



87.1041, 90.0647, 107.4011



67.3666, 76.2449, 92.0560



18.4135, 18.9899, 22.9449



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.



59.2617, 58.0728, 88.9756



65.0042, 62.5876, 103.2623



65.2681, 61.1692, 89.2567



15.0720, 15.3188, 19.8841



8.9374, 3.6128, 45.3542



0.7998, 0.3296, 3.7757

Inverse Universe

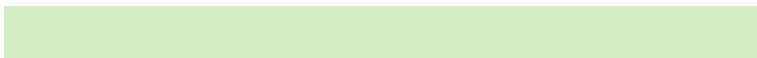
The Inverse Universe completely reimagines the original color for something new.



69.7097, 63.5426, 85.6843



79.2725, 70.0597, 98.6630



67.7204, 79.1479, 63.9351



16.3685, 15.9971, 19.4969



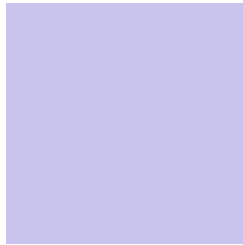
26.1710, 12.7408, 35.1466



2.1999, 1.0690, 3.0433

Previews

White Background



This preview shows how the XYZ color 59.2599, 58.0704, 88.9743 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 59.2599, 58.0704, 88.9743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

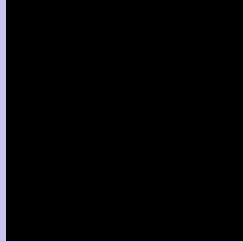
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2599, 58.0704, 88.9743

Background



This preview shows how black text looks on a background with the XYZ color 59.2599, 58.0704, 88.9743.



This preview shows how white text looks on a background with the XYZ color 59.2599, 58.0704,

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

59.2599, 58.0704, 88.9743

Protanopia

57.8898, 58.3446, 90.6486

Deuteranopia

59.5297, 58.2095, 88.9869



Tritanopia

56.0749, 58.1367, 73.2318

Trichromacy



Original Color

59.2599, 58.0704, 88.9743

Protanomaly

58.2797, 58.2223, 89.8277

Deuteranomaly

59.5297, 58.2095, 88.9869

Tritanomaly

57.1667, 58.2344, 78.7484

Monochromacy



Original Color

59.2599, 58.0704, 88.9743

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.2771, 58.7714, 72.6152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2599, 58.0704, 88.9743 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(201, 196, 238)` looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 238)  
}
```

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(201, 196, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 238) }
```

Border

The CSS property to change the border of an element to XYZ 59.2599, 58.0704, 88.9743 is called "border". The border property can be set on classes, ids or directly on the HTML element.

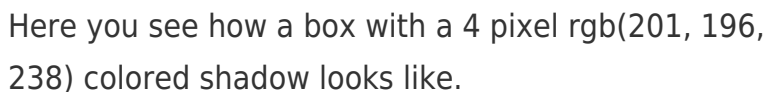
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 196, 238) }
```


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

```
.border{ border-color:rgb(201, 196, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 196, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 196, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 196, 238); box-shadow:4px 4px 4px 4px rgb(201, 196, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2599, 58.0704, 88.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 196, 238) }
```

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

```
.background{ background-color: rgb(201,  
196, 238) }
```

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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