

Converting Colors

XYZ(59.2627, 59.1034, 88.4054)

Have a look what the booklet for
XYZ(59.2627, 59.1034, 88.4054)
contains.

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Color

**XYZ(59.2627, 59.1034,
88.4054)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C7ED
RGB	199, 199, 237
RGB Percent	78%, 78%, 93%
CMY	0.2196, 0.2196, 0.0706
CMYK	0.16, 0.16, 0.00, 0.07
HSL	240°, 51%, 85%
HSV	240°, 16%, 93%
XYZ	59.2627, 59.1034, 88.4054
YIQ	203.3320, -12.1980, 11.8180

Conversions

Conversions Part 2

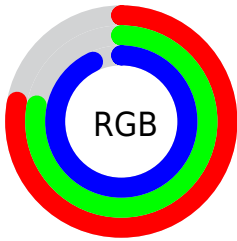
Format	Color
RYB	199, 199, 237
Decimal	13092845
CIELab	81.35, 7.55, -18.74
CIElCh	81, 20.203, 291.940
Yxy	59.1034, 0.2866, 0.2858
Android (android.graphics.Color)	4291282925 (0xFFC7C7ED)
YUV	203.3320, 16.5983, -3.7992
Hunter-Lab	76.8787, 3.0606, -14.3644

Details

The XYZ color **59.2627, 59.1034, 88.4054** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.5185, 82.6963, 66.0160**, and the grayscale version is **56.8793, 59.8414, 65.1673**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1429, 29.6067, 47.8420** is the 20% darker color. If you saturate the color by 10%, you get **48.4229, 46.0425, 86.4567**, and if you desaturate by 10%, it is **71.9346, 74.3722, 90.6856**.

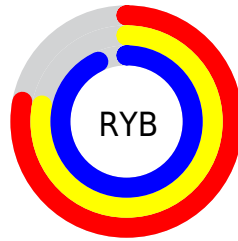
Distribution



Red (78%)

Green (78%)

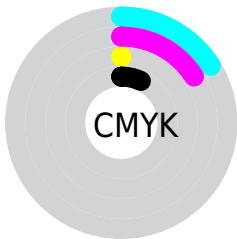
Blue (93%)



Red (78%)

Yellow (78%)

Blue (93%)

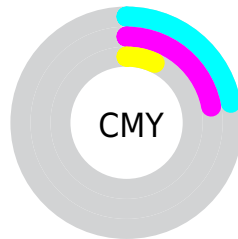


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (22%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2627, 59.1034, 88.4054 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 59.2627, 59.1034, 88.4054 by changing the saturation by 10% instead.

■ 59.2627, 59.1034,
88.4054

■ 59.2627, 59.1034,
88.4054

411.7532,
421.2850, 543.2656

■ 43.0718, 42.6964,
66.0926

102.8718,
103.5279, 147.0375

■ 30.1362, 29.6469,
47.8906

131.0208,
132.3142, 184.1940

■ 20.0906, 19.5708,
33.3809

163.8864,
165.9957, 227.1353

■ 12.5696, 12.0834,
22.1449

201.8342,
204.9568, 276.2802

■ 7.2078, 6.8005,
13.7641

245.2294,
249.5819, 332.0472

■ 3.6399, 3.3377,
7.8199

294.4374,

■ 1.5005, 1.3105,

300.2553, 394.8547

3.8938

349.8235,
357.3616, 465.1213

■ 0.3262, 0.1493,
1.5673

■ 0.0000, 0.0000,
0.2673

■ 59.2627, 59.1034,
88.4054

■ 59.2627, 59.1034,
88.4054

■ 48.4229, 46.0425,
86.4567

■ 71.9346, 74.3722,
90.6856

■ 39.3253, 35.0806,
84.8203

■ 86.5119, 91.9367,
93.3076

■ 31.8808, 26.1104,
83.4813

■ 92.2862, 98.8945,
94.3463

■ 25.9900, 19.0124,
82.4217

■ 21.5432, 13.6542,
81.6218

■ 18.4161, 9.8862,
81.0593

■ 16.4637, 7.5335,
80.7081

■ 15.5061, 6.3795,
80.5358

■ 15.2864, 6.1148,
80.4963

Harmonies

Analogous

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



55.0460, 59.1034, 90.2139



59.2627, 59.1034, 88.4054



62.8102, 59.1034, 79.7691

Triad

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



59.2627, 59.1034, 88.4054



61.3283, 59.1034, 47.7355



48.5188, 59.1034, 61.1501

Complementary

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



59.2627, 59.1034, 88.4054



75.5185, 82.6963, 66.0160

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.



50.0262, 59.1034, 51.0641



59.2627, 59.1034, 88.4054



57.3214, 59.1034, 43.9777

Square

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



59.2627, 59.1034, 88.4054



64.0437, 59.1034, 56.0553



53.1984, 59.1034, 45.1151



48.9806, 59.1034, 73.4328

Rectangle

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



59.2627, 59.1034, 88.4054



64.2490, 59.1034, 71.8299



53.1984, 59.1034, 45.1151



48.8092, 59.1034, 57.4149

Sweetspot

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



59.2645, 59.1058, 88.4067



86.5806, 89.7951, 107.3766



69.0322, 78.7891, 91.2069



18.2869, 18.9247, 22.9390



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.



59.2645, 59.1058, 88.4067



65.8612, 64.8298, 103.6499



64.4352, 61.7707, 88.6486



14.2313, 14.5491, 18.9804



8.3457, 3.3385, 43.9475



0.6554, 0.2622, 3.4509

Inverse Universe

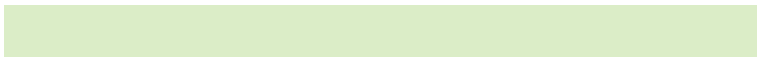
The Inverse Universe completely reimagines the original color for something new.



65.6588, 62.9764, 62.7306



74.6518, 70.1510, 68.3511



69.6974, 79.6963, 65.7438



15.0656, 15.0541, 15.6306



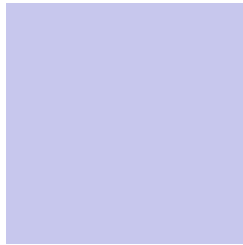
19.0678, 9.8298, 0.8926



1.4973, 0.7719, 0.0702

Previews

White Background



This preview shows how the XYZ color 59.2627, 59.1034, 88.4054 looks on a white background.

Color Contrast Check

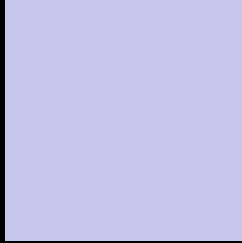
Large Text (above 18pt) WCAG AA × Fail

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 59.2627, 59.1034, 88.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

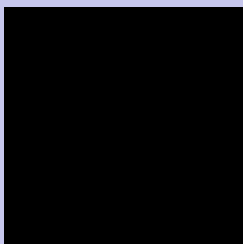
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2627, 59.1034, 88.4054

Background



This preview shows how black text looks on a background with the XYZ color 59.2627, 59.1034, 88.4054.

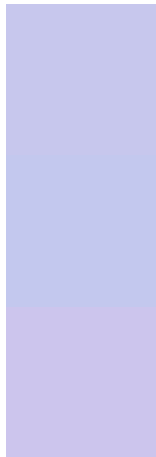


This preview shows how white text looks on a background with the XYZ color 59.2627, 59.1034,

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

59.2627, 59.1034, 88.4054

Protanopia

58.5926, 59.0837, 89.2051

Deuteranopia

60.1542, 58.8843, 88.3161



Tritanopia

56.5404, 59.0388, 74.7453

Trichromacy



Original Color

59.2627, 59.1034, 88.4054

Protanomaly

58.8518, 59.2174, 89.2172

Deuteranomaly

59.8373, 59.0591, 88.3666

Tritanomaly

57.5032, 59.0798, 79.6070

Monochromacy



Original Color

59.2627, 59.1034, 88.4054

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.7434, 59.7039, 72.7706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2627, 59.1034, 88.4054 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(199, 199, 237)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 237)  
}
```

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(199, 199, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 237) }
```

Border

The CSS property to change the border of an element to XYZ 59.2627, 59.1034, 88.4054 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(199, 199, 237) }
```


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

```
.border{ border-color:rgb(199, 199, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 237);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2627, 59.1034, 88.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 237) }
```

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

```
.background{ background-color: rgb(199,  
199, 237) }
```

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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