

Converting Colors

XYZ(59.0186, 60.4537, 86.4884)

Have a look what the booklet for
XYZ(59.0186, 60.4537, 86.4884)
contains.

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Color

**XYZ(58.9722, 60.3881,
86.3898)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CBEA
RGB	196, 203, 234
RGB Percent	77%, 80%, 92%
CMY	0.2314, 0.2039, 0.0823
CMYK	0.16, 0.13, 0.00, 0.08
HSL	229°, 48%, 84%
HSV	229°, 16%, 92%
XYZ	58.9722, 60.3881, 86.3898
YIQ	204.4410, -14.1230, 8.1570

Conversions

Conversions Part 2

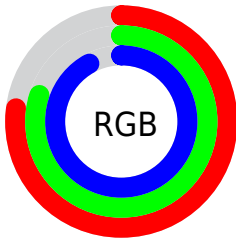
Format	Color
R _Y B	196, 202, 234
Decimal	12897258
CIE Lab	82.05, 3.83, -16.10
CIE LCh	82, 16.553, 283.382
Yxy	60.3881, 0.2866, 0.2935
Android (android.graphics.Color)	4291087338 (0xFFC4CBEA)
YUV	204.4410, 14.5726, -7.4028
Hunter-Lab	77.7098, -0.5325, -11.5157

Details

The XYZ color **58.9722, 60.3881, 86.3898** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.3652, 76.4162, 63.2146**, and the grayscale version is **57.5920, 60.5913, 65.9839**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **29.9387, 30.4600, 46.4209** is the 20% darker color. If you saturate the color by 10%, you get **49.1203, 49.0256, 84.7168**, and if you desaturate by 10%, it is **70.3321, 73.3550, 88.2949**.

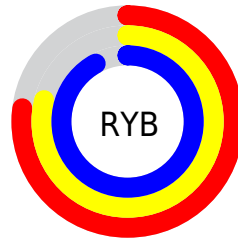
Distribution



Red (77%)

Green (80%)

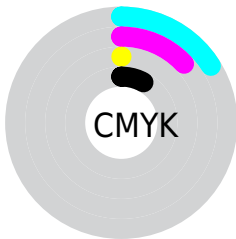
Blue (92%)



Red (77%)

Yellow (79%)

Blue (92%)

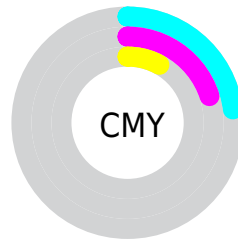


Cyan (16%)

Magenta (13%)

Yellow (0%)

Black (8%)



Cyan (23%)

Magenta (20%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9722, 60.3881, 86.3898 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 58.9722, 60.3881, 86.3898 by changing the saturation by 10% instead.

■ 58.9722, 60.3881,
86.3898

■ 58.9722, 60.3881,
86.3898

410.6946,
426.0268, 536.4797

■ 42.8370, 43.7315,
64.4336

102.4521,
105.3925, 144.2047

■ 29.9512, 30.4595,
46.5535

130.5276,
134.5090, 180.9004

■ 19.9495, 20.1876,
32.3310

163.3138,
168.5477, 223.3465

■ 12.4664, 12.5315,
21.3476

201.1762,
207.8929, 271.9613

■ 7.1366, 7.1067,
13.1846

244.4802,
252.9290, 327.1635

■ 3.5948, 3.5289,
7.4236

293.5910,

■ 1.4755, 1.4137,

304.0405, 389.3717

3.6459

348.8740,
361.6116, 459.0042

■ 0.3091, 0.2268,
1.4332

■ 0.0000, 0.0000,
0.1674

■ 58.9722, 60.3881,
86.3898

■ 58.9722, 60.3881,
86.3898

■ 49.1203, 49.0256,
84.7168

■ 70.3321, 73.3550,
88.2949

■ 40.7069, 39.1973,
83.2632

■ 83.2545, 87.9780,
90.4363

■ 33.6652, 30.8386,
82.0210

■ 91.8515, 98.7206,
92.0568

■ 27.9210, 23.8776,
80.9801

■ 23.3926, 18.2360,
80.1298

■ 19.9889, 13.8274,
79.4583

■ 17.6053, 10.5547,
78.9522

■ 16.1150, 8.3041,
78.5964

■ 15.7196, 7.6769,
78.4961

Harmonies

Analogous

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



55.4898, 60.3881, 86.0516



58.9722, 60.3881, 86.3898



62.1552, 60.3881, 80.8130

Triad

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



58.9722, 60.3881, 86.3898



62.4396, 60.3881, 53.3579



51.1740, 60.3881, 60.3818

Complementary

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



58.9722, 60.3881, 86.3898



71.3652, 76.4162, 63.2146

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.



52.8882, 60.3881, 52.6897



58.9722, 60.3881, 86.3898



59.3475, 60.3881, 48.9263

Square

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



58.9722, 60.3881, 86.3898



64.2114, 60.3881, 61.3825



55.8503, 60.3881, 48.6949



51.0828, 60.3881, 70.3248

Rectangle

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



58.9722, 60.3881, 86.3898



63.6401, 60.3881, 74.7914



55.8503, 60.3881, 48.6949



51.5763, 60.3881, 57.4726

Sweetspot

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



58.9740, 60.3906, 86.3912



87.2851, 91.2042, 107.6115



65.9715, 76.0955, 83.4516



18.4573, 19.2657, 22.9958



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.



58.9740, 60.3906, 86.3912



68.0788, 69.2651, 104.3891



60.4366, 58.7450, 85.9964



14.4557, 14.9979, 19.0552



8.8995, 4.4461, 44.1321



0.7624, 0.4763, 3.4866

Inverse Universe

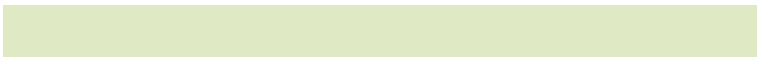
The Inverse Universe completely reimagines the original color for something new.



64.4526, 61.2857, 64.9349



75.7712, 70.5988, 74.2455



69.6961, 78.4568, 63.6964



15.1788, 15.0994, 16.2270



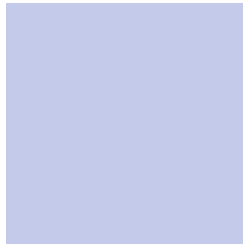
19.3474, 9.9416, 2.3647



1.5513, 0.7935, 0.3547

Previews

White Background



This preview shows how the XYZ color 58.9722, 60.3881, 86.3898 looks on a white background.

Color Contrast Check

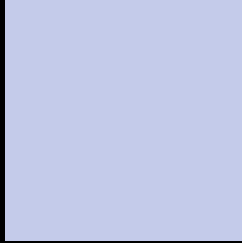
Large Text (above 18pt) WCAG AA × Fail

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 58.9722, 60.3881, 86.3898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

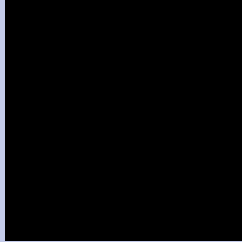
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9722, 60.3881, 86.3898

Background



This preview shows how black text looks on a background with the XYZ color 58.9722, 60.3881, 86.3898.

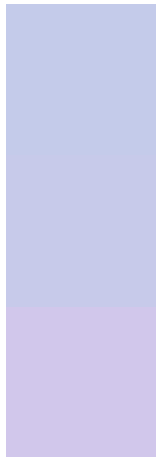


This preview shows how white text looks on a background with the XYZ color 58.9722, 60.3881,

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

58.9722, 60.3881, 86.3898

Protanopia

59.5250, 60.3237, 86.3482

Deuteranopia

61.7133, 60.4003, 87.0030



Tritanopia

57.1306, 60.3524, 77.0447

Trichromacy



Original Color

58.9722, 60.3881, 86.3898

Protanomaly

59.2605, 60.1873, 86.3359

Deuteranomaly

60.5515, 60.1441, 87.0148

Tritanomaly

57.8260, 60.2788, 80.5387

Monochromacy



Original Color

58.9722, 60.3881, 86.3898

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.9460, 60.5095, 72.9154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9722, 60.3881, 86.3898 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(196, 203, 234)` looks like.

```
.text, #text, p{  
    color:rgb(196, 203, 234)  
}
```

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(196, 203, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 203, 234) }
```

Border

The CSS property to change the border of an element to XYZ 58.9722, 60.3881, 86.3898 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(196, 203, 234) }
```


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

```
.border{ border-color:rgb(196, 203, 234) }
```

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

Here you see how a box with a 4 pixel rgb(196, 203, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 203, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 203, 234);  
box-shadow:4px 4px 4px 4px rgb(196, 203,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9722, 60.3881, 86.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 203, 234) }
```

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

```
.background{ background-color: rgb(196,  
203, 234) }
```

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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