

Converting Colors

XYZ(58.8503, 61.5164, 85.8488)

Have a look what the booklet for
XYZ(58.8503, 61.5164, 85.8488)
contains.

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Color

**XYZ(58.7716, 61.3633,
85.8375)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CEE9
RGB	193, 206, 233
RGB Percent	76%, 81%, 91%
CMY	0.2431, 0.1921, 0.0863
CMYK	0.17, 0.12, 0.00, 0.09
HSL	220°, 48%, 84%
HSV	220°, 17%, 91%
XYZ	58.7716, 61.3633, 85.8375
YIQ	205.1910, -16.4150, 5.6410

Conversions

Conversions Part 2

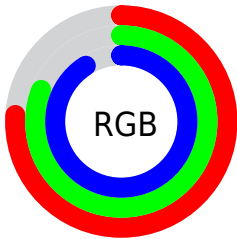
Format	Color
R _Y B	193, 203, 233
Decimal	12701417
CIE Lab	82.57, 1.08, -14.80
CIE LCh	83, 14.843, 274.189
Yxy	61.3633, 0.2853, 0.2979
Android (android.graphics.Color)	4290891497 (0xFFC1CEE9)
YUV	205.1910, 13.7098, -10.6915
Hunter-Lab	78.3347, -3.1639, -10.1344

Details

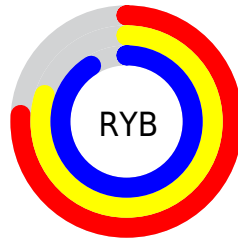
The XYZ color **58.7716, 61.3633, 85.8375** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.8235, 72.3601, 60.7929**, and the grayscale version is **58.0744, 61.0987, 66.5365**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **29.8115, 31.1198, 46.0305** is the 20% darker color. If you saturate the color by 10%, you get **49.6952, 51.3438, 84.3829**, and if you desaturate by 10%, it is **69.1663, 72.6279, 87.4649**.

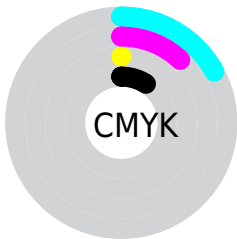
Distribution



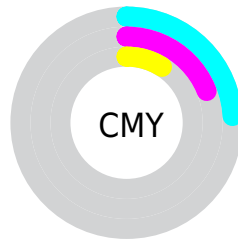
- Red (76%)
- Green (81%)
- Blue (91%)



- Red (76%)
- Yellow (80%)
- Blue (91%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7716, 61.3633, 85.8375 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 58.7716, 61.3633, 85.8375 by changing the saturation by 10% instead.

■ 58.7716, 61.3633,
85.8375

■ 58.7716, 61.3633,
85.8375

409.9626,
429.6048, 534.6119

■ 42.6749, 44.5184,
63.9795

■ 102.1622,
106.8048, 143.4272

■ 29.8236, 31.0783,
46.1880

130.1868,
136.1702, 179.9960

■ 19.8521, 20.6585,
32.0444

162.9181,
170.4779, 222.3055

■ 12.3952, 12.8746,
21.1304

200.7215,
210.1123, 270.7742

■ 7.0876, 7.3422,
13.0271

243.9623,
255.4578, 325.8206

■ 3.5637, 3.6770,
7.3163

293.0058,

■ 1.4584, 1.4946,

306.8988, 387.8634

3.5793

348.2175,
364.8197, 457.3210

■ 0.2973, 0.2849,
1.3975

■ 0.0000, 0.0000,
0.1398

■ 58.7716, 61.3633,
85.8375

■ 58.7716, 61.3633,
85.8375

■ 49.6952, 51.3438,
84.3829

■ 69.1663, 72.6279,
87.4649

■ 41.8768, 42.5172,
83.0913

■ 80.9251, 85.1722,
89.2664

■ 35.2594, 34.8384,
81.9579

■ 91.1312, 97.5092,
91.1098

■ 29.7793, 28.2564,
80.9763

■ 91.7082, 98.6633,
91.3022

■ 25.3665, 22.7160,
80.1395

■ 21.9424, 18.1565,
79.4398

■ 19.4165, 14.5094,
78.8690

■ 17.6738, 11.6920,
78.4170

■ 17.2748, 11.0165,
78.3077

Harmonies

Analogous

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



55.7029, 61.3633, 83.8445



58.7716, 61.3633, 85.8375



61.8265, 61.3633, 82.3656

Triad

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



58.7716, 61.3633, 85.8375



63.5275, 61.3633, 57.4524



52.9927, 61.3633, 59.4785

Complementary

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



58.7716, 61.3633, 85.8375



68.8235, 72.3601, 60.7929

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.



54.9563, 61.3633, 53.3549



58.7716, 61.3633, 85.8375



61.0260, 61.3633, 52.2618

Square

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



58.7716, 61.3633, 85.8375



64.6348, 61.3633, 65.5436



57.8786, 61.3633, 50.8322



52.4379, 61.3633, 68.1011

Rectangle

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



58.7716, 61.3633, 85.8375



63.4225, 61.3633, 77.5891



57.8786, 61.3633, 50.8322



53.5063, 61.3633, 57.0861

Sweetspot

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



58.7735, 61.3658, 85.8389



87.8297, 92.2934, 107.7930



64.0065, 74.7661, 78.5378



18.5893, 19.5296, 23.0398



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.



58.7735, 61.3658, 85.8389



67.5529, 70.2886, 104.6144



57.5097, 56.2580, 84.9196



14.6310, 15.3485, 19.1137



9.9021, 6.4511, 44.4663



0.8622, 0.6758, 3.5199

Inverse Universe

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



63.8163, 59.9212, 66.5979



74.9991, 68.3504, 76.1594



70.2343, 78.3519, 61.8750



15.2673, 15.1348, 16.6930



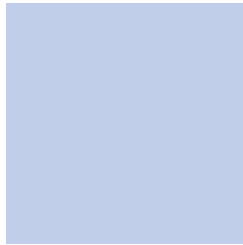
19.8534, 10.1440, 5.0293



1.6017, 0.8136, 0.6198

Previews

White Background



This preview shows how the XYZ color 58.7716, 61.3633, 85.8375 looks on a white background.

Color Contrast Check

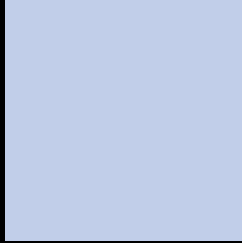
Large Text (above 18pt) WCAG AA × Fail

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 58.7716, 61.3633, 85.8375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

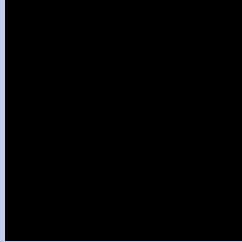
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7716, 61.3633, 85.8375

Background



This preview shows how black text looks on a background with the XYZ color 58.7716, 61.3633, 85.8375.



This preview shows how white text looks on a background with the XYZ color 58.7716, 61.3633,

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

58.7716, 61.3633, 85.8375

Protanopia

60.2457, 61.4294, 85.0257

Deuteranopia

62.6569, 61.2461, 86.3612



Tritanopia

57.4963, 61.5699, 79.3748

Trichromacy



Original Color

58.7716, 61.3633, 85.8375

Protanomaly

59.6855, 61.4946, 85.0678

Deuteranomaly

61.1486, 61.1607, 86.4242

Tritanomaly

57.9162, 61.3782, 81.4677

Monochromacy



Original Color

58.7716, 61.3633, 85.8375

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.1845, 60.9864, 72.9949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7716, 61.3633, 85.8375 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(193, 206, 233)` looks like.

```
.text, #text, p{  
    color:rgb(193, 206, 233)  
}
```

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(193, 206, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 206, 233) }
```

Border

The CSS property to change the border of an element to XYZ 58.7716, 61.3633, 85.8375 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(193, 206, 233) }
```


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

```
.border{ border-color:rgb(193, 206, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 206, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 206, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 206, 233);  
box-shadow:4px 4px 4px 4px rgb(193, 206,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7716, 61.3633, 85.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 206, 233) }
```

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

```
.background{ background-color: rgb(193,  
206, 233) }
```

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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