

Converting Colors

XYZ(59.8925, 61.6564, 88.6773)

Have a look what the booklet for
XYZ(59.8925, 61.6564, 88.6773)
contains.

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Color

**XYZ(59.8823, 61.5128,
88.8378)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CDED
RGB	196, 205, 237
RGB Percent	77%, 80%, 93%
CMY	0.2314, 0.1961, 0.0706
CMYK	0.17, 0.14, 0.00, 0.07
HSL	227°, 53%, 85%
HSV	227°, 17%, 93%
XYZ	59.8823, 61.5128, 88.8378
YIQ	205.9570, -15.6360, 8.0440

Conversions

Conversions Part 2

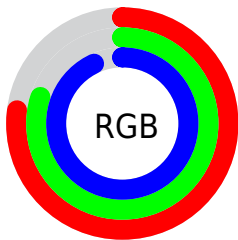
Format	Color
R _Y B	196, 203, 237
Decimal	12897773
CIE Lab	82.65, 3.41, -16.79
CIE LCh	83, 17.135, 281.466
Yxy	61.5128, 0.2848, 0.2926
Android (android.graphics.Color)	4291087853 (0xFFC4CDED)
YUV	205.9570, 15.3042, -8.7323
Hunter-Lab	78.4301, -0.9658, -12.2567

Details

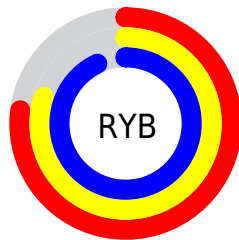
The XYZ color **59.8823, 61.5128, 88.8378** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.6327, 77.4767, 63.3523**, and the grayscale version is **58.5526, 61.6019, 67.0844**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **30.5624, 31.2202, 48.1313** is the 20% darker color. If you saturate the color by 10%, you get **50.0321, 50.2517, 87.1843**, and if you desaturate by 10%, it is **71.2331, 74.3271, 90.7139**.

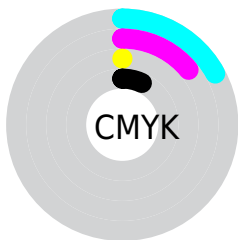
Distribution



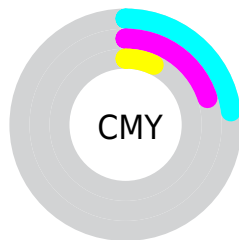
- Red (77%)
- Green (80%)
- Blue (93%)



- Red (77%)
- Yellow (80%)
- Blue (93%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (23%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8823, 61.5128, 88.8378 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 59.8823, 61.5128, 88.8378 by changing the saturation by 10% instead.

■ 59.8823, 61.5128,
88.8378

■ 59.8823, 61.5128,
88.8378

414.0055,
430.1517, 544.7152

■ 43.5729, 44.6391,
66.4489

103.7662,
107.0211, 147.6444

■ 30.5313, 31.1733,
48.1781

132.0714,
136.4245, 184.8991

■ 20.3923, 20.7308,
33.6069

165.1059,
170.7733, 227.9461

■ 12.7904, 12.9274,
22.3169

203.2351,
210.4519, 277.2040

■ 7.3604, 7.3786,
13.8894

246.8243,
255.8446, 333.0913

■ 3.7368, 3.7000,
7.9059

296.2389,

■ 1.5544, 1.5072,

307.3359, 396.0266

3.9479

351.8441,
365.3101, 466.4284

■ 0.3624, 0.2938,
1.5968

■ 0.0000, 0.0000,
0.2885

■ 59.8823, 61.5128,
88.8378

■ 59.8823, 61.5128,
88.8378

■ 50.0321, 50.2517,
87.1843

■ 71.2331, 74.3271,
90.7139

■ 41.6130, 40.4763,
85.7412

■ 84.1387, 88.7434,
92.8164

■ 34.5586, 32.1255,
84.5012

■ 92.2863, 98.8945,
94.3463

■ 28.7946, 25.1306,
83.4548

■ 24.2395, 19.4173,
82.5921

■ 20.8020, 14.9034,
81.9020

■ 18.3768, 11.4964,
81.3722

■ 16.8312, 9.0854,
80.9883

■ 16.5160, 8.5739,
80.9062

Harmonies

Analogous

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



56.2481, 61.5128, 88.0603



59.8823, 61.5128, 88.8378



63.2722, 61.5128, 83.3190

Triad

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



59.8823, 61.5128, 88.8378



63.9239, 61.5128, 54.4477



52.0176, 61.5128, 60.7465

Complementary

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



59.8823, 61.5128, 88.8378



72.6327, 77.4767, 63.3523

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.



53.9097, 61.5128, 52.9250



59.8823, 61.5128, 88.8378



60.7416, 61.5128, 49.5599

Square

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



59.8823, 61.5128, 88.8378



65.6700, 61.5128, 63.0334



57.0723, 61.5128, 49.0333



51.8092, 61.5128, 71.0818

Rectangle

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



59.8823, 61.5128, 88.8378



64.8978, 61.5128, 77.1189



57.0723, 61.5128, 49.0333



52.4740, 61.5128, 57.7656

Sweetspot

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



59.8842, 61.5153, 88.8392



87.4212, 91.4763, 107.6568



66.9754, 77.8753, 84.4896



18.4903, 19.3316, 23.0068



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.



59.8842, 61.5153, 88.8392



66.1051, 67.3932, 104.1318



60.7408, 58.8515, 88.2799



14.4994, 15.0852, 19.0698



9.0961, 4.8392, 44.1976



0.7839, 0.5192, 3.4938

Inverse Universe

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



65.6859, 61.8936, 66.2451



74.2684, 68.0581, 72.3114



71.6341, 80.7345, 64.0337



15.2009, 15.1082, 16.3430



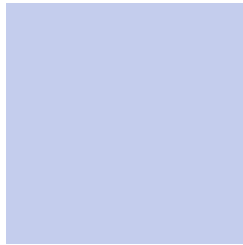
19.4466, 9.9813, 2.8872



1.5622, 0.7978, 0.4118

Previews

White Background



This preview shows how the XYZ color 59.8823, 61.5128, 88.8378 looks on a white background.

Color Contrast Check

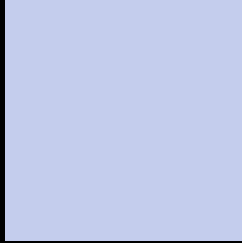
Large Text (above 18pt) WCAG AA × Fail

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 59.8823, 61.5128, 88.8378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

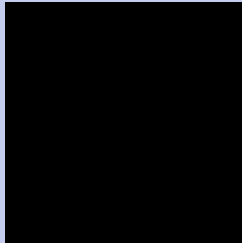
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8823, 61.5128, 88.8378

Background



This preview shows how black text looks on a background with the XYZ color 59.8823, 61.5128, 88.8378.



This preview shows how white text looks on a background with the XYZ color 59.8823, 61.5128,

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

59.8823, 61.5128, 88.8378

Protanopia

60.5526, 61.5212, 88.0402

Deuteranopia

62.6652, 61.1832, 89.3957



Tritanopia

58.0155, 61.4768, 79.3295

Trichromacy



Original Color

59.8823, 61.5128, 88.8378

Protanomaly

60.2864, 61.3840, 88.0277

Deuteranomaly

61.7300, 61.3932, 89.4855

Tritanomaly

58.7198, 61.4019, 82.8856

Monochromacy



Original Color

59.8823, 61.5128, 88.8378

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.9528, 61.7089, 74.4495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8823, 61.5128, 88.8378 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, 205, 237)` looks like.

```
.text, #text, p{  
    color:rgb(196, 205, 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(196, 205, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 205, 237) }
```

Border

The CSS property to change the border of an element to XYZ 59.8823, 61.5128, 88.8378 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, 205, 237) }
```


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

```
.border{ border-color:rgb(196, 205, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 205, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 205, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 205, 237); box-shadow:4px 4px 4px 4px rgb(196, 205, 237) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8823, 61.5128, 88.8378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 205, 237) }
```

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

```
.background{ background-color: rgb(196,  
205, 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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