

Converting Colors

XYZ(59.5783, 60.8165, 81.2802)

Have a look what the booklet for
XYZ(59.5783, 60.8165, 81.2802)
contains.

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Color

**XYZ(59.5782, 60.8145,
81.2713)**

Conversions

Conversions Part 1

Format	Color
Hex	CACBE3
RGB	202, 203, 227
RGB Percent	79%, 80%, 89%
CMY	0.2078, 0.2039, 0.1098
CMYK	0.11, 0.11, 0.00, 0.11
HSL	238°, 31%, 84%
HSV	238°, 11%, 89%
XYZ	59.5782, 60.8145, 81.2713
YIQ	205.4370, -8.3000, 7.2520

Conversions

Conversions Part 2

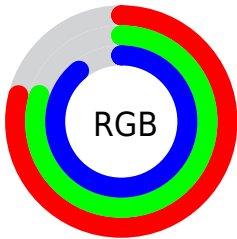
Format	Color
R _Y B	202, 203, 227
Decimal	13290467
CIE Lab	82.28, 4.29, -11.98
CIE LCh	82, 12.722, 289.729
Yxy	60.8145, 0.2954, 0.3016
Android (android.graphics.Color)	4291480547 (0xFFCACBE3)
YUV	205.4370, 10.6306, -3.0142
Hunter-Lab	77.9837, -0.1004, -7.2010

Details

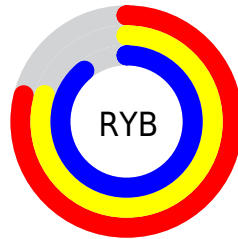
The XYZ color **59.5782, 60.8145, 81.2713** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5358, 74.9874, 66.6874**, and the grayscale version is **58.2463, 61.2796, 66.7335**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4066, 30.7693, 43.3662** is the 20% darker color. If you saturate the color by 10%, you get **49.0932, 48.3011, 79.4095**, and if you desaturate by 10%, it is **71.6935, 75.2451, 83.4191**.

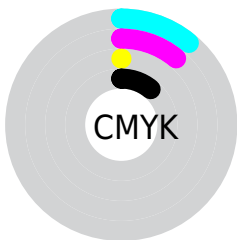
Distribution



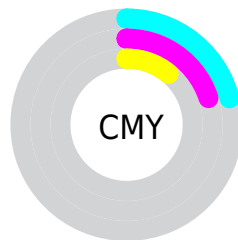
- Red (79%)
- Green (80%)
- Blue (89%)



- Red (79%)
- Yellow (80%)
- Blue (89%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5782, 60.8145, 81.2713 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 59.5782, 60.8145, 81.2713 by changing the saturation by 10% instead.

■ 59.5782, 60.8145,
81.2713

■ 59.5782, 60.8145,
81.2713

412.9010,
427.5935, 519.0263

■ 43.3269, 44.0755,
60.2328

103.3274,
106.0103, 136.9791

■ 30.3373, 30.7299,
43.1797

131.5560,
135.2359, 172.4855

■ 20.2441, 20.3932,
29.6937

164.5077,
169.3924, 213.6516

■ 12.6819, 12.6812,
19.3562

202.5479,
208.8643, 260.8959

■ 7.2854, 7.2094,
11.7485

246.0420,
254.0360, 314.6370

■ 3.6891, 3.5934,
6.4522

295.3553,

■ 1.5278, 1.4488,

305.2918, 375.2934

3.0488

350.8532,
363.0162, 443.2836

■ 0.3446, 0.2523,
1.1196

■ 0.0000, 0.0000,
0.0000

■ 59.5782, 60.8145,
81.2713

■ 59.5782, 60.8145,
81.2713

■ 49.0932, 48.3011,
79.4095

■ 71.6935, 75.2451,
83.4191

■ 40.1638, 37.6171,
77.8179

■ 85.4988, 91.6609,
85.8600

■ 32.7175, 28.6790,
76.4852

■ 90.8653, 98.3261,
86.8637

■ 26.6739, 21.3940,
75.3976

■ 21.9452, 15.6608,
74.5402

■ 18.4334, 11.3668,
73.8965

■ 16.0269, 8.3841,
73.4476

■ 14.5938, 6.5626,
73.1715

■ 13.9641, 5.7438,
73.0467

Harmonies

Analogous

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



56.8787, 60.8145, 82.0031



59.5782, 60.8145, 81.2713



61.8676, 60.8145, 76.3330

Triad

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



59.5782, 60.8145, 81.2713



61.2344, 60.8145, 55.4764



52.8280, 60.8145, 63.5927

Complementary

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



59.5782, 60.8145, 81.2713



69.5358, 74.9874, 66.6874

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.



53.9192, 60.8145, 57.0361



59.5782, 60.8145, 81.2713



58.7359, 60.8145, 52.5986

Square

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



59.5782, 60.8145, 81.2713



62.8443, 60.8145, 61.3085



56.0622, 60.8145, 53.1464



53.0376, 60.8145, 71.3800

Rectangle

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



59.5782, 60.8145, 81.2713



62.8265, 60.8145, 71.5196



56.0622, 60.8145, 53.1464



53.0535, 60.8145, 61.1825

Sweetspot

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



59.5800, 60.8170, 81.2726



89.9933, 93.9818, 108.0049



65.5205, 72.9731, 82.4047



18.9802, 19.7802, 23.0675



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.



59.5800, 60.8170, 81.2726



74.5640, 75.5973, 105.2695



62.4999, 61.9719, 81.3417



13.6290, 13.9793, 18.1243



8.1639, 3.3899, 42.6072



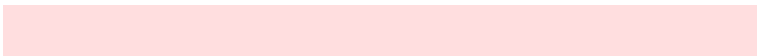
0.6197, 0.2834, 3.1540

Inverse Universe

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



63.5800, 62.8851, 65.2899



80.6650, 78.7603, 80.8898



66.3759, 73.7644, 66.6179



14.4003, 14.3773, 15.0424



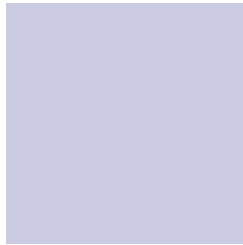
18.5143, 9.5399, 1.0712



1.3764, 0.7083, 0.1229

Previews

White Background



This preview shows how the XYZ color 59.5782, 60.8145, 81.2713 looks on a white background.

Color Contrast Check

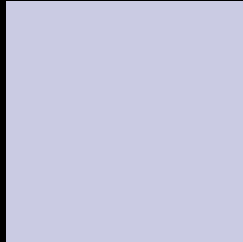
Large Text (above 18pt) WCAG AA × Fail

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 59.5782, 60.8145, 81.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

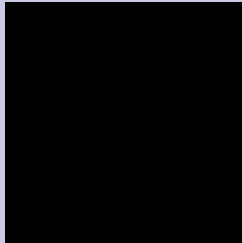
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5782, 60.8145, 81.2713

Background



This preview shows how black text looks on a background with the XYZ color 59.5782, 60.8145, 81.2713.

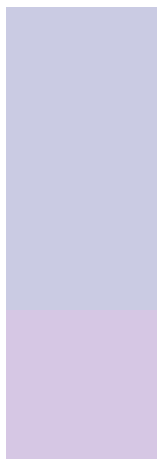


This preview shows how white text looks on a background with the XYZ color 59.5782, 60.8145,

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

59.5782, 60.8145, 81.2713

Protanopia

59.5782, 60.8145, 81.2713

Deuteranopia

62.1586, 60.7444, 81.8475



Tritanopia

58.5985, 60.7705, 76.3516

Trichromacy



Original Color

59.5782, 60.8145, 81.2713

Protanomaly

59.5782, 60.8145, 81.2713

Deuteranomaly

61.2362, 60.6116, 81.8705

Tritanomaly

58.9995, 60.9310, 78.4633

Monochromacy



Original Color

59.5782, 60.8145, 81.2713

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.5049, 60.8272, 71.6081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5782, 60.8145, 81.2713 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(202, 203, 227)` looks like.

```
.text, #text, p{  
    color:rgb(202, 203, 227)  
}
```

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(202, 203, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 203, 227) }
```

Border

The CSS property to change the border of an element to XYZ 59.5782, 60.8145, 81.2713 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(202, 203, 227) }
```


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

```
.border{ border-color:rgb(202, 203, 227) }
```

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

Here you see how a box with a 4 pixel rgb(202, 203, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 203, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 203, 227);  
box-shadow:4px 4px 4px 4px rgb(202, 203,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5782, 60.8145, 81.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 203, 227) }
```

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

```
.background{ background-color: rgb(202,  
203, 227) }
```

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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