

Converting Colors

XYZ(58.2154, 60.2310, 81.9562)

Have a look what the booklet for
XYZ(58.2154, 60.2310, 81.9562)
contains.

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Color

**XYZ(58.1245, 60.0491,
81.9259)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CBE4
RGB	196, 203, 228
RGB Percent	77%, 80%, 89%
CMY	0.2314, 0.2039, 0.1059
CMYK	0.14, 0.11, 0.00, 0.11
HSL	227°, 37%, 83%
HSV	227°, 14%, 89%
XYZ	58.1245, 60.0491, 81.9259
YIQ	203.7570, -12.1970, 6.2910

Conversions

Conversions Part 2

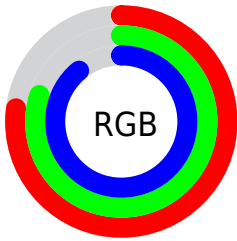
Format	Color
R _Y B	196, 202, 228
Decimal	12897252
CIE Lab	81.86, 2.57, -13.17
CIE LCh	82, 13.423, 281.039
Yxy	60.0491, 0.2905, 0.3001
Android (android.graphics.Color)	4291087332 (0xFFC4CBE4)
YUV	203.7570, 11.9518, -6.8029
Hunter-Lab	77.4914, -1.7211, -8.4390

Details

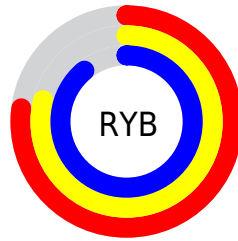
The XYZ color **58.1245, 60.0491, 81.9259** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8155, 72.1921, 62.5861**, and the grayscale version is **57.1751, 60.1527, 65.5063**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **29.4456, 30.2628, 43.8245** is the 20% darker color. If you saturate the color by 10%, you get **48.6716, 49.2879, 80.3479**, and if you desaturate by 10%, it is **68.9655, 72.2464, 83.7098**.

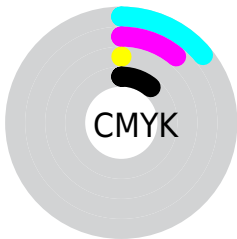
Distribution



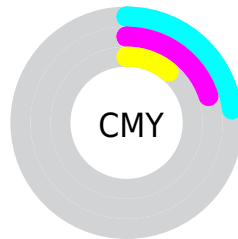
- Red (77%)
- Green (80%)
- Blue (89%)



- Red (77%)
- Yellow (79%)
- Blue (89%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1245, 60.0491, 81.9259 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 58.1245, 60.0491, 81.9259 by changing the saturation by 10% instead.

■ 58.1245, 60.0491,
81.9259

■ 58.1245, 60.0491,
81.9259

407.5961,
424.7787, 521.2767

■ 42.1524, 43.4582,
60.7690

101.2261,
104.9009, 137.9058

■ 29.4123, 30.2448,
43.6094

129.0862,
133.9306, 173.5659

■ 19.5388, 20.0245,
30.0286

161.6398,
167.8753, 214.8975

■ 12.1665, 12.4128,
19.6081

199.2521,
207.1195, 262.3192

■ 6.9302, 7.0255,
11.9292

242.2886,
252.0476, 316.2494

■ 3.4644, 3.4780,
6.5736

291.1145,

■ 1.4039, 1.3861,

303.0439, 377.1067

3.1225

346.0952,
360.4928, 445.3096

■ 0.2590, 0.2065,
1.1575

■ 0.0000, 0.0000,
0.0000

■ 58.1245, 60.0491,
81.9259

■ 58.1245, 60.0491,
81.9259

■ 48.6716, 49.2879,
80.3479

■ 68.9655, 72.2464,
83.7098

■ 40.5445, 39.9017,
78.9646

■ 81.2425, 85.9228,
85.7025

■ 33.6843, 31.8363,
77.7694

■ 91.0038, 98.3815,
87.5928

■ 28.0252, 25.0307,
76.7540

■ 23.4953, 19.4189,
75.9096

■ 20.0150, 14.9288,
75.2263

■ 17.4932, 11.4795,
74.6935

■ 15.8219, 8.9780,
74.2987

■ 15.1398, 7.8736,
74.1215

Harmonies

Analogous

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



55.3227, 60.0491, 81.2791



58.1245, 60.0491, 81.9259



60.7275, 60.0491, 77.8735

Triad

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



58.1245, 60.0491, 81.9259



61.2840, 60.0491, 55.6637



52.0754, 60.0491, 60.4429

Complementary

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



58.1245, 60.0491, 81.9259



67.8155, 72.1921, 62.5861

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.



53.5717, 60.0491, 54.3055



58.1245, 60.0491, 81.9259



58.8636, 60.0491, 51.7081

Square

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



58.1245, 60.0491, 81.9259



62.5914, 60.0491, 62.4407



56.0379, 60.0491, 51.2324



51.8924, 60.0491, 68.4168

Rectangle

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



58.1245, 60.0491, 81.9259



61.9761, 60.0491, 73.2340



56.0379, 60.0491, 51.2324



52.4391, 60.0491, 58.1147

Sweetspot

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



58.1263, 60.0516, 81.9272



88.9070, 93.1377, 107.8992



63.4985, 72.4193, 78.7137



18.7897, 19.6665, 23.0556



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.



58.1263, 60.0516, 81.9272



70.9930, 72.9500, 104.9468



58.7930, 57.9955, 81.4952



13.8373, 14.3959, 18.1937



8.8137, 4.6895, 42.8238



0.7191, 0.4821, 3.1871

Inverse Universe

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



62.5158, 60.2870, 64.8444



77.7654, 73.3999, 78.5708



67.0623, 74.6059, 63.0917



14.5054, 14.4194, 15.5961



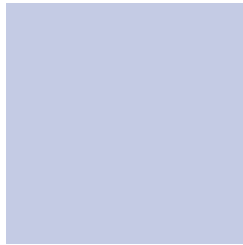
18.8423, 9.6711, 2.7984



1.4266, 0.7283, 0.3869

Previews

White Background



This preview shows how the XYZ color 58.1245, 60.0491, 81.9259 looks on a white background.

Color Contrast Check

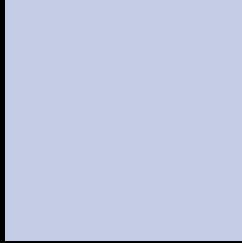
Large Text (above 18pt) WCAG AA × Fail

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 58.1245, 60.0491, 81.9259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

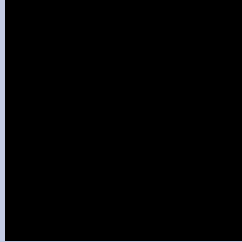
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1245, 60.0491, 81.9259

Background



This preview shows how black text looks on a background with the XYZ color 58.1245, 60.0491, 81.9259.

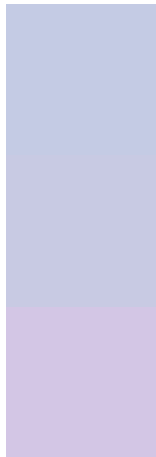


This preview shows how white text looks on a background with the XYZ color 58.1245, 60.0491,

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

58.1245, 60.0491, 81.9259

Protanopia

58.8051, 60.0665, 81.1677

Deuteranopia

61.2009, 59.8942, 82.4638



Tritanopia

57.0168, 59.9551, 76.2775

Trichromacy



Original Color

58.1245, 60.0491, 81.9259

Protanomaly

58.5388, 59.9292, 81.1552

Deuteranomaly

60.2507, 60.0875, 82.5512

Tritanomaly

57.4178, 60.1155, 78.3893

Monochromacy



Original Color

58.1245, 60.0491, 81.9259

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.6905, 60.4073, 71.5700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1245, 60.0491, 81.9259 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(196, 203, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 203, 228) }
```

Border

The CSS property to change the border of an element to XYZ 58.1245, 60.0491, 81.9259 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, 228) }
```


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

```
.border{ border-color:rgb(196, 203, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 203, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 203, 228);  
box-shadow:4px 4px 4px 4px rgb(196, 203,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1245, 60.0491, 81.9259 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, 228) }
```

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

```
.background{ background-color: rgb(196,  
203, 228) }
```

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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