

Converting Colors

XYZ(58.7038, 61.1325, 78.5178)

Have a look what the booklet for
XYZ(58.7038, 61.1325, 78.5178)
contains.

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Color

**XYZ(58.7038, 61.1325,
78.5178)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CDDF
RGB	199, 205, 223
RGB Percent	78%, 80%, 87%
CMY	0.2196, 0.1961, 0.1255
CMYK	0.11, 0.08, 0.00, 0.13
HSL	225°, 27%, 83%
HSV	225°, 11%, 87%
XYZ	58.7038, 61.1325, 78.5178
YIQ	205.2580, -9.3540, 4.3260

Conversions

Conversions Part 2

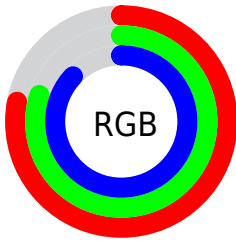
Format	Color
R _{YB}	199, 204, 223
Decimal	13094367
CIE Lab	82.45, 1.45, -9.61
CIE LCh	82, 9.717, 278.604
Yxy	61.1325, 0.2960, 0.3082
Android (android.graphics.Color)	4291284447 (0xFFC7CDDF)
YUV	205.2580, 8.7468, -5.4883
Hunter-Lab	78.1873, -2.8081, -4.8095

Details

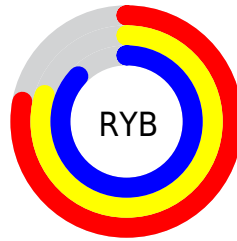
The XYZ color **58.7038, 61.1325, 78.5178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5534, 69.4368, 63.9816**, and the grayscale version is **58.1444, 61.1724, 66.6167**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.8115, 30.9801, 41.4543** is the 20% darker color. If you saturate the color by 10%, you get **49.4267, 50.7271, 76.9993**, and if you desaturate by 10%, it is **69.2791, 72.8451, 80.2221**.

Distribution



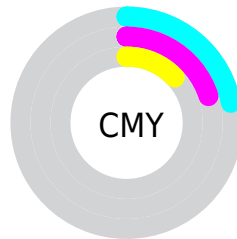
- Red (78%)
- Green (80%)
- Blue (87%)



- Red (78%)
- Yellow (80%)
- Blue (87%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7038, 61.1325, 78.5178 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 58.7038, 61.1325, 78.5178 by changing the saturation by 10% instead.

■ 58.7038, 61.1325,
78.5178

■ 58.7038, 61.1325,
78.5178

409.7151,
428.7597, 509.4980

■ 42.6202, 44.3321,
57.9805

102.0641,
106.4708, 133.0723

■ 29.7804, 30.9317,
41.3783

130.0716,
135.7774, 167.9266

■ 19.8192, 20.5468,
28.2929

162.7843,
170.0216, 208.3902

■ 12.3712, 12.7932,
18.3056

200.5677,
209.5878, 254.8817

■ 7.0710, 7.2863,
10.9979

243.7871,
254.8603, 307.8198

■ 3.5533, 3.6418,
5.9513

292.8079,

■ 1.4527, 1.4753,

306.2235, 367.6228

2.7472

347.9955,
364.0618, 434.7093

■ 0.2933, 0.2712,
0.9670

■ 0.0000, 0.0000,
0.0000

■ 58.7038, 61.1325,
78.5178

■ 58.7038, 61.1325,
78.5178

■ 49.4267, 50.7271,
76.9993

■ 69.2791, 72.8451,
80.2221

■ 41.3914, 41.5751,
75.6563

■ 81.1953, 85.9009,
82.1141

■ 34.5454, 33.6302,
74.4836

■ 90.3195, 98.1078,
83.9894

■ 28.8302, 26.8401,
73.4742

■ 24.1821, 21.1487,
72.6206

■ 20.5309, 16.4947,
71.9147

■ 17.7971, 12.8102,
71.3476

■ 15.8880, 10.0182,
70.9093

■ 14.7229, 8.1347,
70.6072

Harmonies

Analogous

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



56.6605, 61.1325, 77.7841



58.7038, 61.1325, 78.5178



60.6308, 61.1325, 75.9022

Triad

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



58.7038, 61.1325, 78.5178



61.2801, 61.1325, 59.6821



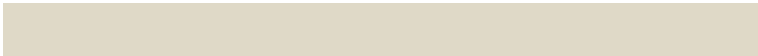
54.4668, 61.1325, 62.4789

Complementary

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



58.7038, 61.1325, 78.5178



65.5534, 69.4368, 63.9816

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.



55.6495, 61.1325, 58.0230



58.7038, 61.1325, 78.5178



59.5730, 61.1325, 56.4763

Square

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



58.7038, 61.1325, 78.5178



62.1413, 61.1325, 64.8673



57.5095, 61.1325, 55.8876



54.2466, 61.1325, 68.2878

Rectangle

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



58.7038, 61.1325, 78.5178



61.5788, 61.1325, 72.6977



57.5095, 61.1325, 55.8876



54.7636, 61.1325, 60.7834

Sweetspot

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



58.7056, 61.1351, 78.5192



90.4885, 94.9722, 108.1700



62.4143, 69.9075, 75.5781



19.1133, 20.0463, 23.1119



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.



58.7056, 61.1351, 78.5192



76.4645, 79.3984, 105.9031



58.8104, 59.0981, 78.1204



13.2292, 13.7975, 17.3536



8.7326, 4.9347, 41.5406



0.6758, 0.4830, 2.9028

Inverse Universe

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



61.8757, 60.9439, 66.2627



81.6243, 79.1440, 85.9415



65.4318, 71.7130, 64.4273



13.8472, 13.7565, 14.9653



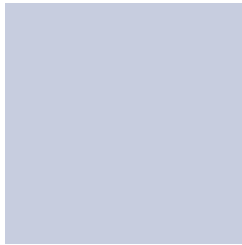
18.3480, 9.4062, 3.2323



1.3073, 0.6662, 0.4113

Previews

White Background



This preview shows how the XYZ color 58.7038, 61.1325, 78.5178 looks on a white background.

Color Contrast Check

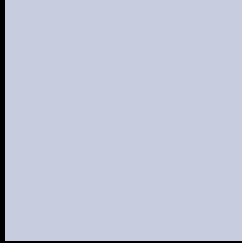
Large Text (above 18pt) WCAG AA × Fail

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 58.7038, 61.1325, 78.5178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

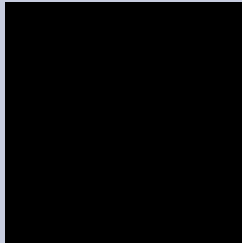
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

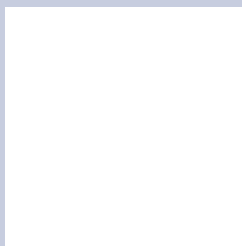
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7038, 61.1325, 78.5178

Background



This preview shows how black text looks on a background with the XYZ color 58.7038, 61.1325, 78.5178.

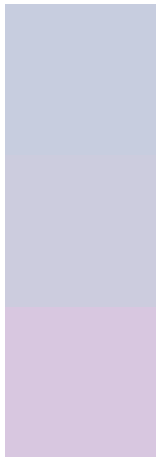


This preview shows how white text looks on a background with the XYZ color 58.7038, 61.1325,

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

58.7038, 61.1325, 78.5178

Protanopia

59.6795, 61.2970, 77.7933

Deuteranopia

62.1969, 60.8276, 78.9838



Tritanopia

58.5693, 61.0787, 77.8097

Trichromacy



Original Color

58.7038, 61.1325, 78.5178

Protanomaly

59.1348, 61.0162, 77.7678

Deuteranomaly

60.9195, 60.8567, 79.0567

Tritanomaly

58.5693, 61.0787, 77.8097

Monochromacy



Original Color

58.7038, 61.1325, 78.5178

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.3436, 61.1126, 71.0082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7038, 61.1325, 78.5178 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(199, 205, 223) looks like.

```
.text, #text, p{  
    color:rgb(199, 205, 223)  
}
```

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(199, 205, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 205, 223) }
```

Border

The CSS property to change the border of an element to XYZ 58.7038, 61.1325, 78.5178 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(199, 205, 223) }
```


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

```
.border{ border-color:rgb(199, 205, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 205, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 205, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 205, 223);  
box-shadow:4px 4px 4px 4px rgb(199, 205,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7038, 61.1325, 78.5178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 205, 223) }
```

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

```
.background{ background-color: rgb(199,  
205, 223) }
```

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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