

Converting Colors

XYZ(59.3675, 59.1219, 78.3820)

Have a look what the booklet for
XYZ(59.3675, 59.1219, 78.3820)
contains.

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Color

**XYZ(59.2455, 58.9813,
78.0740)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC6DF
RGB	207, 198, 223
RGB Percent	81%, 78%, 87%
CMY	0.1882, 0.2235, 0.1255
CMYK	0.07, 0.11, 0.00, 0.13
HSL	262°, 28%, 83%
HSV	262°, 11%, 87%
XYZ	59.2455, 58.9813, 78.0740
YIQ	203.5410, -2.6610, 9.6830

Conversions

Conversions Part 2

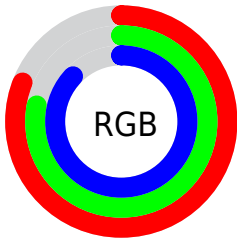
Format	Color
R _Y B	207, 198, 223
Decimal	13616863
CIE Lab	81.28, 7.80, -11.28
CIE LCh	81, 13.716, 304.642
Yxy	58.9813, 0.3018, 0.3005
Android (android.graphics.Color)	4291806943 (0xFFCFC6DF)
YUV	203.5410, 9.5933, 3.0335
Hunter-Lab	76.7993, 3.3020, -6.5146

Details

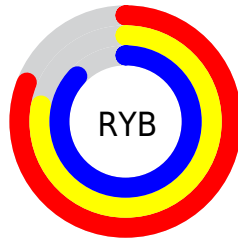
The XYZ color **59.2455, 58.9813, 78.0740** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3145, 71.1503, 63.7726**, and the grayscale version is **57.0491, 60.0201, 65.3619**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1780, 29.5460, 41.1582** is the 20% darker color. If you saturate the color by 10%, you get **50.7100, 47.5645, 76.3211**, and if you desaturate by 10%, it is **68.8955, 72.0898, 80.0965**.

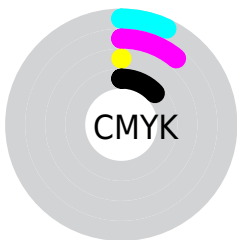
Distribution



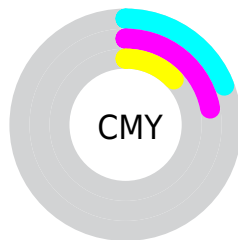
- Red (81%)
- Green (78%)
- Blue (87%)



- Red (81%)
- Yellow (78%)
- Blue (87%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2455, 58.9813, 78.0740 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 59.2455, 58.9813, 78.0740 by changing the saturation by 10% instead.

■ 59.2455, 58.9813,
78.0740

■ 59.2455, 58.9813,
78.0740

411.6905,
420.8326, 507.9527

■ 43.0579, 42.5981,
57.6180

102.8470,
103.3505, 132.4413

■ 30.1253, 29.5699,
41.0889

130.9916,
132.1052, 167.1895

■ 20.0822, 19.5123,
28.0683

163.8525,
165.7526, 207.5390

■ 12.5634, 12.0411,
18.1377

201.7953,
204.6770, 253.9082

■ 7.2035, 6.7717,
10.8784

245.1851,
249.2628, 306.7156

■ 3.6372, 3.3197,
5.8720

294.3873,

■ 1.4990, 1.3008,

299.8944, 366.3798

2.6999

349.7673,
356.9562, 433.3193

■ 0.3252, 0.1418,
0.9434

■ 0.0000, 0.0000,
0.0000

■ 59.2455, 58.9813,
78.0740

■ 59.2455, 58.9813,
78.0740

■ 50.7100, 47.5645,
76.3211

■ 68.8955, 72.0898,
80.0965

■ 43.2415, 37.7617,
74.8226

■ 79.6945, 86.9486,
82.3954

■ 36.7969, 29.5002,
73.5676

■ 88.4403, 97.1391,
83.9014

■ 31.3278, 22.6986,
72.5431

■ 90.3195, 98.1078,
83.9893

■ 26.7815, 17.2677,
71.7344

■ 23.1000, 13.1086,
71.1257

■ 20.2178, 10.1080,
70.6984

■ 18.0579, 8.1316,
70.4307

■ 16.6501, 7.0448,
70.2952

Harmonies

Analogous

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



56.5063, 58.9813, 81.2383



59.2455, 58.9813, 78.0740



61.1794, 58.9813, 71.2071

Triad

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



59.2455, 58.9813, 78.0740



58.4491, 58.9813, 51.0100



50.7537, 58.9813, 65.5040

Complementary

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



59.2455, 58.9813, 78.0740



64.3145, 71.1503, 63.7726

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.



51.2344, 58.9813, 57.7067



59.2455, 58.9813, 78.0740



55.6160, 58.9813, 49.7627

Square

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



59.2455, 58.9813, 78.0740



60.7087, 58.9813, 55.6748



52.9907, 58.9813, 52.1113



51.6548, 58.9813, 73.5990

Rectangle

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



59.2455, 58.9813, 78.0740



61.7173, 58.9813, 65.7032



52.9907, 58.9813, 52.1113



50.7593, 58.9813, 62.7605

Sweetspot

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



59.2473, 58.9838, 78.0753



90.8793, 94.2989, 108.0194



60.7200, 65.5553, 79.2661



19.2185, 19.8655, 23.0715



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.



59.2473, 58.9838, 78.0753



77.9915, 76.8384, 105.3284



62.8039, 60.8173, 78.2417



13.4154, 13.4822, 17.2829



9.9025, 4.2002, 41.3372



0.7819, 0.3404, 2.8697

Inverse Universe

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



62.7652, 60.9338, 72.0746



83.5094, 79.8981, 95.8686



60.8723, 69.3758, 63.6115



14.0747, 13.8475, 16.1635



20.8525, 10.4080, 16.4210



1.4877, 0.7384, 1.3612

Previews

White Background



This preview shows how the XYZ color 59.2455, 58.9813, 78.0740 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 59.2455, 58.9813, 78.0740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

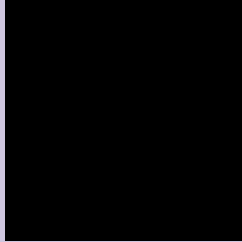
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2455, 58.9813, 78.0740

Background



This preview shows how black text looks on a background with the XYZ color 59.2455, 58.9813, 78.0740.



This preview shows how white text looks on a background with the XYZ color 59.2455, 58.9813,

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

59.2455, 58.9813, 78.0740

Protanopia

57.7981, 58.8869, 79.5542

Deuteranopia

60.2106, 58.8046, 77.9890



Tritanopia

58.1428, 58.8750, 72.5895

Trichromacy



Original Color

59.2455, 58.9813, 78.0740

Protanomaly

58.2351, 58.7852, 78.7984

Deuteranomaly

59.8639, 58.9619, 78.0376

Tritanomaly

58.5319, 59.0306, 74.6388

Monochromacy



Original Color

59.2455, 58.9813, 78.0740

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.0552, 59.9233, 70.1345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2455, 58.9813, 78.0740 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(207, 198, 223)` looks like.

```
.text, #text, p{  
    color:rgb(207, 198, 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(207, 198, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 198, 223) }
```

Border

The CSS property to change the border of an element to XYZ 59.2455, 58.9813, 78.0740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

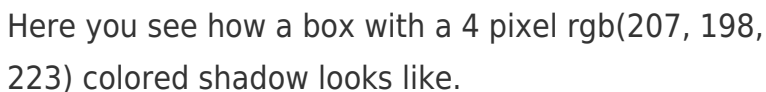
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 198, 223) }
```


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

```
.border{ border-color:rgb(207, 198, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 198, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 198, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 198, 223);  
box-shadow:4px 4px 4px 4px rgb(207, 198,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2455, 58.9813, 78.0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 198, 223) }
```

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

```
.background{ background-color: rgb(207,  
198, 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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