

Converting Colors

XYZ(58.1920, 59.1358, 77.4571)

Have a look what the booklet for
XYZ(58.1920, 59.1358, 77.4571)
contains.

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Color

**XYZ(58.1962, 59.1390,
77.4549)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC8DE
RGB	202, 200, 222
RGB Percent	79%, 78%, 87%
CMY	0.2078, 0.2157, 0.1294
CMYK	0.09, 0.10, 0.00, 0.13
HSL	245°, 25%, 83%
HSV	245°, 10%, 87%
XYZ	58.1962, 59.1390, 77.4549
YIQ	203.1060, -5.8700, 7.2660

Conversions

Conversions Part 2

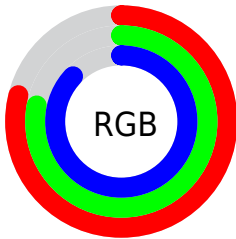
Format	Color
R _Y B	202, 200, 222
Decimal	13289694
CIE Lab	81.37, 4.89, -10.66
CIE LCh	81, 11.727, 294.626
Yxy	59.1390, 0.2988, 0.3036
Android (android.graphics.Color)	4291479774 (0xFFCAC8DE)
YUV	203.1060, 9.3147, -0.9700
Hunter-Lab	76.9019, 0.5032, -5.8850

Details

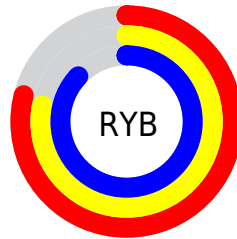
The XYZ color **58.1962, 59.1390, 77.4549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0639, 71.6298, 64.9904**, and the grayscale version is **56.7787, 59.7356, 65.0521**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4667, 29.6437, 40.7280** is the 20% darker color. If you saturate the color by 10%, you get **48.3148, 46.9599, 75.6258**, and if you desaturate by 10%, it is **69.5419, 73.1844, 79.5689**.

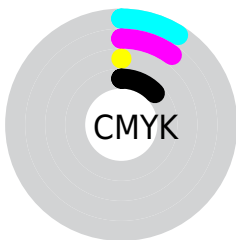
Distribution



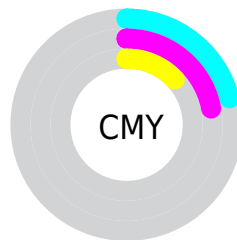
- Red (79%)
- Green (78%)
- Blue (87%)



- Red (79%)
- Yellow (78%)
- Blue (87%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1962, 59.1390, 77.4549 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 58.1962, 59.1390, 77.4549 by changing the saturation by 10% instead.

■ 58.1962, 59.1390,
77.4549

■ 58.1962, 59.1390,
77.4549

407.8587,
421.4168, 505.7924

■ 42.2103, 42.7250,
57.1125

101.3298,
103.5797, 131.5603

■ 29.4578, 29.6694,
40.6856

129.2083,
132.3751, 166.1604

■ 19.5734, 19.5878,
27.7557

161.7816,
166.0666, 206.3501

■ 12.1918, 12.0958,
17.9041

199.4151,
205.0383, 252.5480

■ 6.9476, 6.8089,
10.7124

242.4742,
249.6749, 305.1727

■ 3.4754, 3.3429,
5.7621

291.3243,

■ 1.4099, 1.3133,

300.3605, 364.6426

2.6345

346.3307,
357.4797, 431.3763

■ 0.2632, 0.1514,
0.9102

■ 0.0000, 0.0000,
0.0000

■ 58.1962, 59.1390,
77.4549

■ 58.1962, 59.1390,
77.4549

■ 48.3148, 46.9599,
75.6258

■ 69.5419, 73.1844,
79.5689

■ 39.8330, 36.5614,
74.0657

■ 82.4029, 89.1622,
81.9750

■ 32.6889, 27.8621,
72.7631

■ 90.1850, 98.0540,
83.2812

■ 26.8140, 20.7715,
71.7042

■ 22.1335, 15.1907,
70.8737

■ 18.5649, 11.0097,
70.2547

■ 16.0151, 8.1036,
69.8282

■ 14.3754, 6.3251,
69.5713

■ 13.4827, 5.4308,
69.4457

Harmonies

Analogous

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



55.7697, 59.1390, 78.7835



58.1962, 59.1390, 77.4549



60.1401, 59.1390, 72.5246

Triad

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



58.1962, 59.1390, 77.4549



58.9820, 59.1390, 54.0039



51.6480, 59.1390, 63.1367

Complementary

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



58.1962, 59.1390, 77.4549



66.0639, 71.6298, 64.9904

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.



52.4547, 59.1390, 56.8919



58.1962, 59.1390, 77.4549



56.6523, 59.1390, 51.8699

Square

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



58.1962, 59.1390, 77.4549



60.6029, 59.1390, 58.9314



54.2692, 59.1390, 52.8877



52.0344, 59.1390, 70.1806

Rectangle

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



58.1962, 59.1390, 77.4549



60.8766, 59.1390, 68.0366



54.2692, 59.1390, 52.8877



51.7879, 59.1390, 60.8805

Sweetspot

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



58.1980, 59.1415, 77.4562



90.1451, 93.9204, 107.9850



62.6430, 68.8287, 79.0918



19.0210, 19.7637, 23.0622



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.



58.1980, 59.1415, 77.4562



76.5482, 77.1065, 105.4563



61.2333, 60.7063, 77.5983



13.0669, 13.3025, 17.2666



8.0448, 3.2426, 41.2502



0.5979, 0.2455, 2.8611

Inverse Universe

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



63.6987, 62.0080, 76.3243



85.6091, 81.8289, 103.5621



62.8901, 69.9937, 64.8419



14.2385, 13.9131, 17.0263



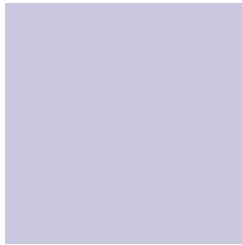
24.2361, 11.7614, 34.2385



1.6958, 0.8216, 2.4571

Previews

White Background



This preview shows how the XYZ color 58.1962, 59.1390, 77.4549 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 58.1962, 59.1390, 77.4549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

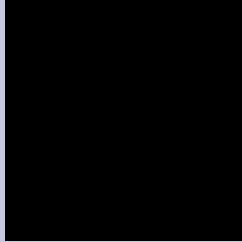
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1962, 59.1390, 77.4549

Background



This preview shows how black text looks on a background with the XYZ color 58.1962, 59.1390, 77.4549.

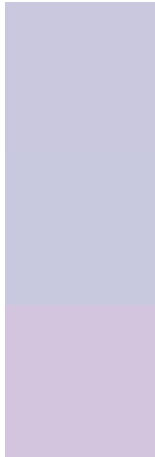


This preview shows how white text looks on a background with the XYZ color 58.1962, 59.1390,

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

58.1962, 59.1390, 77.4549

Protanopia

57.8909, 59.3266, 77.5072

Deuteranopia

60.4369, 59.2573, 78.0645



Tritanopia

57.4984, 59.2005, 74.0420

Trichromacy



Original Color

58.1962, 59.1390, 77.4549

Protanomaly

58.1589, 59.4647, 77.5198

Deuteranomaly

59.5258, 59.1258, 78.0871

Tritanomaly

57.7602, 59.3053, 75.4206

Monochromacy



Original Color

58.1962, 59.1390, 77.4549

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3820, 59.5907, 69.4506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1962, 59.1390, 77.4549 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, 200, 222)` looks like.

```
.text, #text, p{  
    color:rgb(202, 200, 222)  
}
```

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, 200, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 200, 222) }
```

Border

The CSS property to change the border of an element to XYZ 58.1962, 59.1390, 77.4549 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, 200, 222) }
```


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

```
.border{ border-color:rgb(202, 200, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 200, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 200, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 200, 222);  
box-shadow:4px 4px 4px 4px rgb(202, 200,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1962, 59.1390, 77.4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 200, 222) }
```

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

```
.background{ background-color: rgb(202,  
200, 222) }
```

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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