

Converting Colors

XYZ(58.0992, 60.0995, 79.0592)

Have a look what the booklet for
XYZ(58.0992, 60.0995, 79.0592)
contains.

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Color

**XYZ(58.0992, 60.0995,
79.0592)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CBE0
RGB	198, 203, 224
RGB Percent	78%, 80%, 88%
CMY	0.2235, 0.2039, 0.1216
CMYK	0.12, 0.09, 0.00, 0.12
HSL	228°, 30%, 83%
HSV	228°, 12%, 88%
XYZ	58.0992, 60.0995, 79.0592
YIQ	203.8990, -9.7210, 5.4710

Conversions

Conversions Part 2

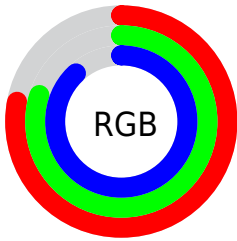
Format	Color
R _Y B	198, 202, 224
Decimal	13028320
CIE Lab	81.89, 2.39, -10.98
CIE LCh	82, 11.238, 282.282
Yxy	60.0995, 0.2945, 0.3047
Android (android.graphics.Color)	4291218400 (0xFFC6CBE0)
YUV	203.8990, 9.9098, -5.1734
Hunter-Lab	77.5239, -1.8924, -6.1975

Details

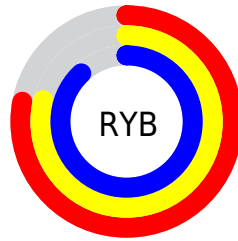
The XYZ color **58.0992, 60.0995, 79.0592** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2653, 70.5871, 63.5594**, and the grayscale version is **57.2760, 60.2588, 65.6219**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4105, 30.2888, 41.8323** is the 20% darker color. If you saturate the color by 10%, you get **48.6004, 49.2279, 77.4624**, and if you desaturate by 10%, it is **68.9732, 72.4232, 80.8657**.

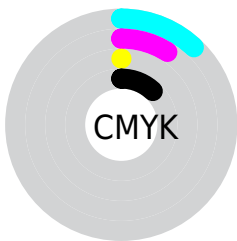
Distribution



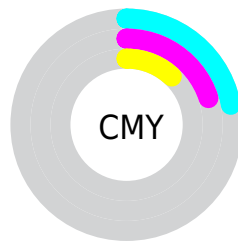
- Red (78%)
- Green (80%)
- Blue (88%)



- Red (78%)
- Yellow (79%)
- Blue (88%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0992, 60.0995, 79.0592 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 58.0992, 60.0995, 79.0592 by changing the saturation by 10% instead.

■ 58.0992, 60.0995,
79.0592

■ 58.0992, 60.0995,
79.0592

407.5034,
424.9644, 511.3795

■ 42.1320, 43.4988,
58.4229

101.1894,
104.9740, 133.8416

■ 29.3962, 30.2767,
41.7318

129.0432,
134.0166, 168.8248

■ 19.5265, 20.0487,
28.5673

161.5898,
167.9753, 209.4273

■ 12.1576, 12.4305,
18.5110

199.1946,
207.2346, 256.0678

■ 6.9241, 7.0376,
11.1442

242.2230,
252.1787, 309.1647

■ 3.4606, 3.4856,
6.0486

291.0404,

■ 1.4017, 1.3902,

303.1921, 369.1366

2.8054

346.0121,
360.6592, 436.4020

■ 0.2575, 0.2095,
0.9961

■ 0.0000, 0.0000,
0.0000

■ 58.0992, 60.0995,
79.0592

■ 58.0992, 60.0995,
79.0592

■ 48.6004, 49.2279,
77.4624

■ 68.9732, 72.4232,
80.8657

■ 40.4163, 39.7471,
76.0637

■ 81.2692, 86.2425,
82.8851

■ 33.4896, 31.6024,
74.8567

■ 90.4547, 98.1619,
84.7016

■ 27.7567, 24.7326,
73.8329

■ 23.1482, 19.0716,
72.9831

■ 19.5874, 14.5469,
72.2974

■ 16.9876, 11.0782,
71.7649

■ 15.2469, 8.5733,
71.3731

■ 14.3223, 7.1171,
71.1408

Harmonies

Analogous

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



55.7450, 60.0995, 78.6958



58.0992, 60.0995, 79.0592



60.2488, 60.0995, 75.5930

Triad

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



58.0992, 60.0995, 79.0592



60.5665, 60.0995, 57.0321



52.8845, 60.0995, 61.5403

Complementary

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



58.0992, 60.0995, 79.0592



66.2653, 70.5871, 63.5594

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.



54.1068, 60.0995, 56.2361



58.0992, 60.0995, 79.0592



58.5230, 60.0995, 53.7599

Square

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



58.0992, 60.0995, 79.0592



61.6995, 60.0995, 62.6967



56.1573, 60.0995, 53.4790



52.7782, 60.0995, 68.2583

Rectangle

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



58.0992, 60.0995, 79.0592



61.2592, 60.0995, 71.7080



56.1573, 60.0995, 53.4790



53.1769, 60.0995, 59.5448

Sweetspot

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



58.1010, 60.1020, 79.0605



90.3520, 94.6992, 108.1245



62.7053, 70.4221, 77.1688



19.0766, 19.9729, 23.0997



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.



58.1010, 60.1020, 79.0605



74.5962, 76.8115, 105.5022



59.0478, 58.8644, 78.7717



13.1644, 13.6680, 17.3320



8.3994, 4.2684, 41.4296



0.6440, 0.4195, 2.8923

Inverse Universe

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



61.7155, 60.5486, 64.9371



80.4006, 77.5800, 82.8103



65.2277, 72.0190, 63.8904



13.8145, 13.7434, 14.7932



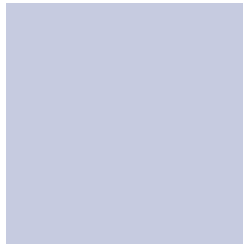
18.1799, 9.3389, 2.3469



1.2913, 0.6598, 0.3270

Previews

White Background



This preview shows how the XYZ color 58.0992, 60.0995, 79.0592 looks on a white background.

Color Contrast Check

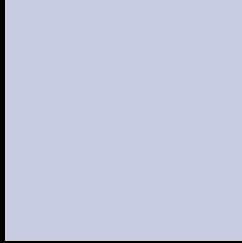
Large Text (above 18pt) WCAG AA × Fail

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 58.0992, 60.0995, 79.0592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

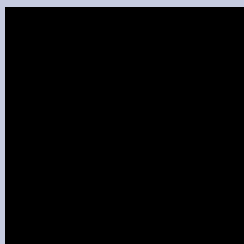
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0992, 60.0995, 79.0592

Background



This preview shows how black text looks on a background with the XYZ color 58.0992, 60.0995, 79.0592.

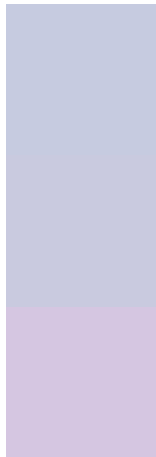


This preview shows how white text looks on a background with the XYZ color 58.0992, 60.0995,

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

58.0992, 60.0995, 79.0592

Protanopia

58.5272, 59.9863, 78.3058

Deuteranopia

61.2253, 59.9705, 79.5827



Tritanopia

57.5371, 60.2234, 76.3019

Trichromacy



Original Color

58.0992, 60.0995, 79.0592

Protanomaly

58.2592, 59.8481, 78.2933

Deuteranomaly

60.2573, 60.1547, 79.6693

Tritanomaly

57.6700, 60.2765, 77.0016

Monochromacy



Original Color

58.0992, 60.0995, 79.0592

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.7079, 60.4454, 70.2536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0992, 60.0995, 79.0592 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(198, 203, 224) looks like.

```
.text, #text, p{  
    color:rgb(198, 203, 224)  
}
```

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(198, 203, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 203, 224) }
```

Border

The CSS property to change the border of an element to XYZ 58.0992, 60.0995, 79.0592 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(198, 203, 224) }
```


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

```
.border{ border-color:rgb(198, 203, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 203, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 203, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 203, 224);  
box-shadow:4px 4px 4px 4px rgb(198, 203,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0992, 60.0995, 79.0592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 203, 224) }
```

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

```
.background{ background-color: rgb(198,  
203, 224) }
```

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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