

Converting Colors

XYZ(61.3057, 69.2842, 80.0435)

Have a look what the booklet for
XYZ(61.3057, 69.2842, 80.0435)
contains.

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Color

**XYZ(61.1928, 69.1794,
79.9398)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDFDF
RGB	191, 223, 223
RGB Percent	75%, 87%, 87%
CMY	0.2510, 0.1255, 0.1255
CMYK	0.14, 0.00, 0.00, 0.13
HSL	180°, 33%, 81%
HSV	180°, 14%, 87%
XYZ	61.1928, 69.1794, 79.9398
YIQ	213.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

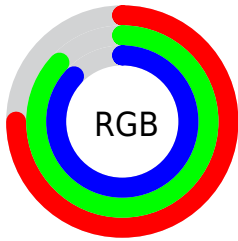
Format	Color
R_{YB}	191, 207, 223
Decimal	12574687
CIE _{Lab}	86.59, -10.47, -3.54
CIE _{LCh}	87, 11.051, 198.689
Yxy	69.1794, 0.2910, 0.3289
Android (android.graphics.Color)	4290764767 (0xFFBFD _{FD} F)
YUV	213.4320, 4.7170, -19.6729
Hunter-Lab	83.1742, -14.2289, 1.2375

Details

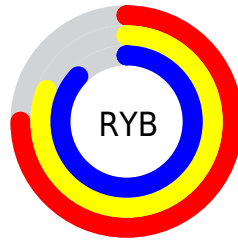
The XYZ color **61.1928, 69.1794, 79.9398** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.4687, 56.7130, 57.1583**, and the grayscale version is **63.5152, 66.8229, 72.7702**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **31.3870, 36.1508, 42.3693** is the 20% darker color. If you saturate the color by 10%, you get **56.0064, 66.5076, 79.6970**, and if you desaturate by 10%, it is **67.2371, 72.2972, 80.2256**.

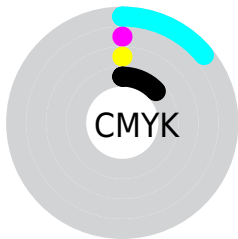
Distribution



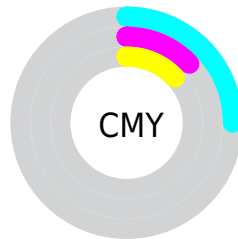
- Red (75%)
- Green (87%)
- Blue (87%)



- Red (75%)
- Yellow (81%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1928, 69.1794, 79.9398 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 61.1928, 69.1794, 79.9398 by changing the saturation by 10% instead.

61.1928, 69.1794,
79.9398

61.1928, 69.1794,
79.9398

418.7452,
457.6635, 514.4313

44.6339, 50.8578,
59.1429

105.6546,
118.0378, 135.0917

31.3692, 36.0955,
42.3074

134.2882,
149.3434, 170.2839

21.0334, 24.5079,
29.0147

167.6774,
185.7458, 211.1115

13.2610, 15.7108,
18.8463

206.1876,
227.6293, 257.9932

7.6867, 9.3198,
11.3836

250.1841,
275.3785, 311.3475

3.9453, 4.9503,
6.2080

300.0323,

1.6712, 2.2182,

329.3776, 371.5929

2.9012

356.0976,
390.0112, 439.1480

■ 0.4382, 0.7299,
1.0444

■ 0.0000, 0.0000,
0.0000

■ 61.1928, 69.1794,
79.9398

■ 61.1928, 69.1794,
79.9398

■ 56.0064, 66.5076,
79.6970

■ 67.2371, 72.2972,
80.2256

■ 51.6333, 64.2532,
79.4909

■ 74.1694, 75.8709,
80.5516

■ 48.0343, 62.3979,
79.3209

■ 80.9493, 79.3660,
80.8704

■ 45.1641, 60.9183,
79.1851

■ 80.9496, 79.3661,
80.8719

■ 42.9731, 59.7888,
79.0810

■ 80.9499, 79.3662,
80.8734

■ 41.4054, 58.9807,
79.0061

■ 80.9502, 79.3663,
80.8750

■ 40.3961, 58.4604,
78.9574

■ 80.9504, 79.3664,
80.8765

■ 39.8662, 58.1873,
78.9311

■ 80.9507, 79.3666,
80.8780

■ 39.7059, 58.1046,
78.9227

■ 80.9510, 79.3667,
80.8796

Harmonies

Analogous

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



61.0364, 69.1794, 72.5893



61.1928, 69.1794, 79.9398



62.5520, 69.1794, 86.4350

Triad

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



61.1928, 69.1794, 79.9398



69.5258, 69.1794, 85.0345



66.7246, 69.1794, 62.3112

Complementary

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



61.1928, 69.1794, 79.9398



58.4687, 56.7130, 57.1583

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.



69.0613, 69.1794, 65.2096



61.1928, 69.1794, 79.9398



70.7064, 69.1794, 78.1278

Square

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



61.1928, 69.1794, 79.9398



67.3453, 69.1794, 89.5058



70.5342, 69.1794, 70.8906



64.1859, 69.1794, 62.7265

Rectangle

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



61.1928, 69.1794, 79.9398



63.9776, 69.1794, 89.2581



70.5342, 69.1794, 70.8906



67.5609, 69.1794, 62.9223

Sweetspot

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



61.1948, 69.1823, 79.9413



91.3963, 98.1165, 108.7282



57.4139, 67.6854, 59.3300



19.4202, 20.9276, 23.2656



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.



61.1948, 69.1823, 79.9413



80.8599, 92.6848, 108.2324



57.2494, 61.2908, 78.6283



14.1166, 15.5724, 17.6491



23.3454, 34.1630, 46.4033



1.6182, 2.3680, 3.2165

Inverse Universe

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



58.4687, 56.7130, 57.1583



76.5362, 72.9082, 72.0977



62.0217, 63.8196, 58.3409



13.7073, 13.7006, 14.2291



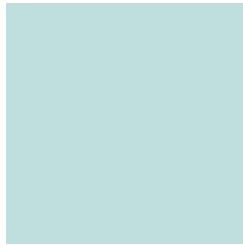
17.8933, 9.2243, 0.8379



1.2403, 0.6394, 0.0582

Previews

White Background



This preview shows how the XYZ color 61.1928, 69.1794, 79.9398 looks on a white background.

Color Contrast Check

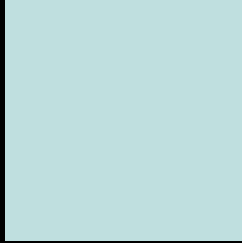
Large Text (above 18pt) WCAG AA × Fail

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 61.1928, 69.1794, 79.9398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

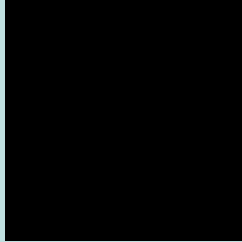
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

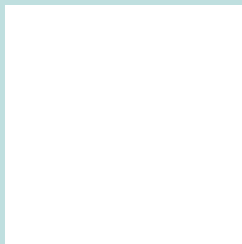
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1928, 69.1794, 79.9398

Background



This preview shows how black text looks on a background with the XYZ color 61.1928, 69.1794, 79.9398.

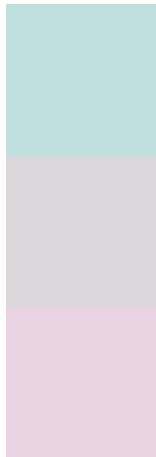


This preview shows how white text looks on a background with the XYZ color 61.1928, 69.1794,

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

61.1928, 69.1794, 79.9398

Protanopia

66.1687, 68.7229, 76.1070

Deuteranopia

70.3783, 68.9078, 81.5427



Tritanopia

63.5372, 69.3553, 90.9271

Trichromacy



Original Color

61.1928, 69.1794, 79.9398

Protanomaly

64.2842, 68.8654, 77.6144

Deuteranomaly

66.8045, 68.9425, 81.0204

Tritanomaly

62.8216, 69.4632, 87.1875

Monochromacy



Original Color

61.1928, 69.1794, 79.9398

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.5141, 67.6146, 75.4017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1928, 69.1794, 79.9398 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(191, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(191, 223, 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(191, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 61.1928, 69.1794, 79.9398 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(191, 223, 223) }
```


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

```
.border{ border-color:rgb(191, 223, 223) }
```

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

Here you see how a box with a 4 pixel rgb(191, 223, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(191, 223,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1928, 69.1794, 79.9398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 223, 223) }
```

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

```
.background{ background-color: rgb(191,  
223, 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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