

Converting Colors

XYZ(57.8828, 67.4417, 81.2010)

Have a look what the booklet for
XYZ(57.8828, 67.4417, 81.2010)
contains.

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Color

**XYZ(57.8828, 67.4417,
81.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	B0DFE1
RGB	176, 223, 225
RGB Percent	69%, 87%, 88%
CMY	0.3098, 0.1255, 0.1176
CMYK	0.22, 0.01, 0.00, 0.12
HSL	182°, 45%, 79%
HSV	182°, 22%, 88%
XYZ	57.8828, 67.4417, 81.2010
YIQ	209.1750, -28.6540, -9.3420

Conversions

Conversions Part 2

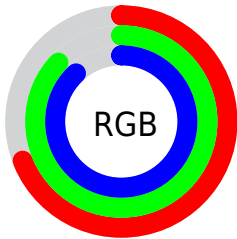
Format	Color
R_{YB}	176, 200, 225
Decimal	11591649
CIE _{Lab}	85.73, -14.66, -5.98
CIE _{LCh}	86, 15.836, 202.182
Yxy	67.4417, 0.2803, 0.3266
Android (android.graphics.Color)	4289781729 (0xFFB0DFE1)
YUV	209.1750, 7.8017, -29.0945
Hunter-Lab	82.1229, -17.9027, -1.1384

Details

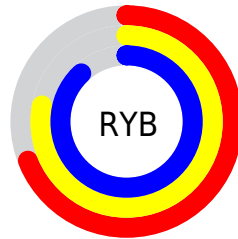
The XYZ color **57.8828, 67.4417, 81.2010** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.8089, 50.9832, 48.0277**, and the grayscale version is **60.6842, 63.8445, 69.5267**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **29.2844, 35.0451, 43.2511** is the 20% darker color. If you saturate the color by 10%, you get **52.9672, 64.5466, 80.9024**, and if you desaturate by 10%, it is **63.6469, 70.7797, 81.5426**.

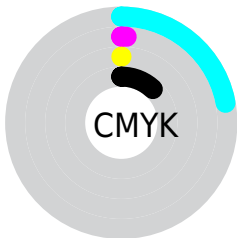
Distribution



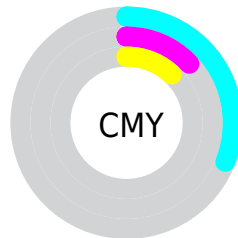
- Red (69%)
- Green (87%)
- Blue (88%)



- Red (69%)
- Yellow (78%)
- Blue (88%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8828, 67.4417, 81.2010 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 57.8828, 67.4417, 81.2010 by changing the saturation by 10% instead.

■ 57.8828, 67.4417,
81.2010

■ 57.8828, 67.4417,
81.2010

406.7100,
451.5154, 518.7842

■ 41.9573, 49.4437,
60.1752

■ 100.8761,
115.5531, 136.8796

■ 29.2588, 34.9716,
43.1336

128.6747,
146.4352, 172.3694

■ 19.4220, 23.6410,
29.6578

161.1616,
182.3809, 213.5177

■ 12.0814, 15.0675,
19.3292

198.7024,
223.7744, 260.7429

■ 6.8717, 8.8668,
11.7291

241.6622,
271.0003, 314.4636

■ 3.4276, 4.6544,
6.4392

290.4065,

■ 1.3837, 2.0459,

324.4428, 375.0984

3.0409

345.3007,
384.4863, 443.0658

■ 0.2446, 0.6340,
1.1155

■ 0.0000, 0.0000,
0.0000

■ 57.8828, 67.4417,
81.2010

■ 57.8828, 67.4417,
81.2010

■ 52.9672, 64.5466,
80.9024

■ 63.6469, 70.7797,
81.5426

■ 48.8527, 62.0646,
80.6402

■ 70.2921, 74.5721,
81.9244

■ 45.4961, 59.9754,
80.4138

■ 77.8568, 78.8406,
82.3496

■ 42.8480, 58.2534,
80.2210

■ 82.2105, 81.4557,
82.6249

■ 40.8531, 56.8701,
80.0591

■ 82.4615, 81.9578,
82.7085

■ 39.4477, 55.7926,
79.9252

■ 82.7139, 82.4625,
82.7927

■ 38.5557, 54.9817,
79.8157

■ 82.9676, 82.9699,
82.8772

■ 38.1033, 54.4613,
79.7391

■ 83.2227, 83.4800,
82.9623

■ 83.4791, 83.9928,
83.0477

Harmonies

Analogous

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



57.4639, 67.4417, 70.7599



57.8828, 67.4417, 81.2010



59.9364, 67.4417, 90.2926

Triad

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



57.8828, 67.4417, 81.2010



69.7457, 67.4417, 86.3163



65.0507, 67.4417, 55.4370

Complementary

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



57.8828, 67.4417, 81.2010



54.8089, 50.9832, 48.0277

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.



68.4548, 67.4417, 58.8139



57.8828, 67.4417, 81.2010



71.2311, 67.4417, 76.1717

Square

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



57.8828, 67.4417, 81.2010



66.7593, 67.4417, 93.4338



70.7500, 67.4417, 66.1761



61.5148, 67.4417, 56.5111

Rectangle

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



57.8828, 67.4417, 81.2010



61.9995, 67.4417, 94.0433



70.7500, 67.4417, 66.1761



66.2501, 67.4417, 56.0772

Sweetspot

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



57.8848, 67.4445, 81.2025



88.5535, 96.3070, 108.5296



52.8301, 66.2814, 51.9372



18.8402, 20.5486, 23.2232



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.



57.8848, 67.4445, 81.2025



73.8659, 87.8084, 107.6633



51.8892, 55.4532, 79.2040



14.0662, 15.4715, 17.6326



21.9783, 31.4261, 45.9558



1.5385, 2.2085, 3.1904

Inverse Universe

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



59.8976, 52.3875, 76.7700



76.9910, 64.5734, 100.7490



60.0409, 61.4471, 49.7716



14.2696, 13.9255, 17.1900



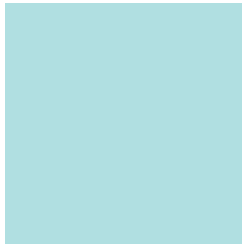
25.0338, 12.0805, 38.4395



1.7428, 0.8404, 2.7045

Previews

White Background



This preview shows how the XYZ color 57.8828, 67.4417, 81.2010 looks on a white background.

Color Contrast Check

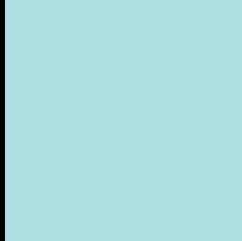
Large Text (above 18pt) WCAG AA × Fail

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 57.8828, 67.4417, 81.2010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

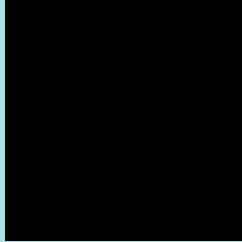
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8828, 67.4417, 81.2010

Background



This preview shows how black text looks on a background with the XYZ color 57.8828, 67.4417, 81.2010.

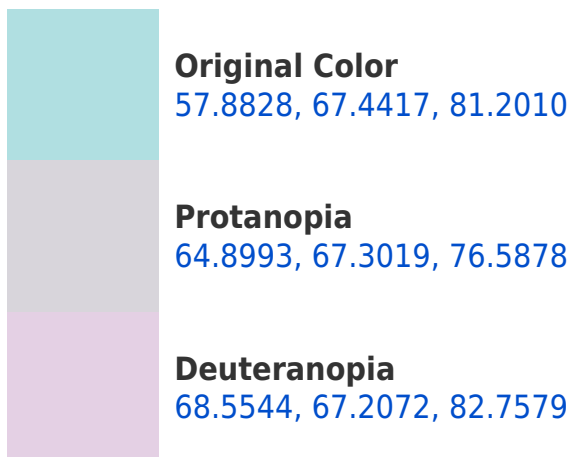


This preview shows how white text looks on a background with the XYZ color 57.8828, 67.4417,

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

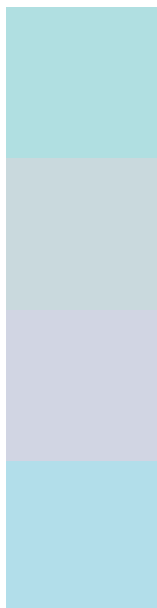




Tritanopia

60.0268, 67.5286, 91.5319

Trichromacy



Original Color

57.8828, 67.4417, 81.2010

Protanomaly

61.9514, 67.2637, 78.1246

Deuteranomaly

63.9539, 66.6899, 82.1747

Tritanomaly

59.3327, 67.6480, 87.7721

Monochromacy



Original Color

57.8828, 67.4417, 81.2010

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.3383, 64.8697, 73.6836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8828, 67.4417, 81.2010 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(176, 223, 225)` looks like.

```
.text, #text, p{  
    color:rgb(176, 223, 225)  
}
```

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(176, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 223, 225) }
```

Border

The CSS property to change the border of an element to XYZ 57.8828, 67.4417, 81.2010 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(176, 223, 225) }
```


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

```
.border{ border-color:rgb(176, 223, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 223, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 223, 225); box-shadow:4px 4px 4px 4px rgb(176, 223, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8828, 67.4417, 81.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 223, 225) }
```

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

```
.background{ background-color: rgb(176,  
223, 225) }
```

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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