

Converting Colors

XYZ(57.7733, 66.1196, 82.8091)

Have a look what the booklet for
XYZ(57.7733, 66.1196, 82.8091)
contains.

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Color

**XYZ(57.9569, 66.2528,
83.1322)**

Conversions

Conversions Part 1

Format	Color
Hex	B2DCE4
RGB	178, 220, 228
RGB Percent	70%, 86%, 89%
CMY	0.3020, 0.1372, 0.1059
CMYK	0.22, 0.04, 0.00, 0.11
HSL	190°, 48%, 80%
HSV	190°, 22%, 89%
XYZ	57.9569, 66.2528, 83.1322
YIQ	208.3540, -27.6000, -6.4160

Conversions

Conversions Part 2

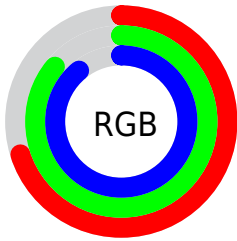
Format	Color
R _Y B	178, 201, 228
Decimal	11721956
CIE Lab	85.13, -11.89, -8.44
CIE LCh	85, 14.583, 215.372
Yxy	66.2528, 0.2795, 0.3195
Android (android.graphics.Color)	4289912036 (0xFFB2DCE4)
YUV	208.3540, 9.6855, -26.6205
Hunter-Lab	81.3958, -15.3439, -3.5777

Details

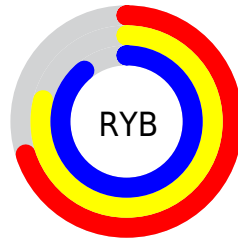
The XYZ color **57.9569, 66.2528, 83.1322** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.5904, 54.8264, 49.6681**, and the grayscale version is **60.1374, 63.2692, 68.9002**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **29.3101, 34.2125, 44.5940** is the 20% darker color. If you saturate the color by 10%, you get **52.2078, 61.8853, 82.5933**, and if you desaturate by 10%, it is **64.6002, 71.1157, 83.7218**.

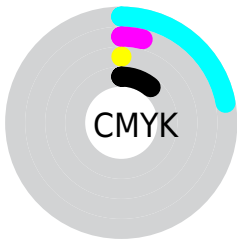
Distribution



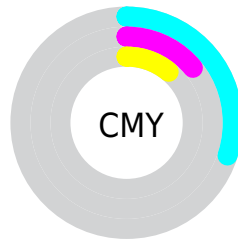
- Red (70%)
- Green (86%)
- Blue (89%)



- Red (70%)
- Yellow (79%)
- Blue (89%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (30%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9569, 66.2528, 83.1322 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 57.9569, 66.2528, 83.1322 by changing the saturation by 10% instead.

■ 57.9569, 66.2528,
83.1322

■ 57.9569, 66.2528,
83.1322

406.9818,
447.2804, 525.4095

■ 42.0171, 48.4776,
61.7580

■ 100.9834,
113.8491, 139.6115

■ 29.3059, 34.2053,
44.4026

128.8009,
144.4390, 175.5536

■ 19.4578, 23.0514,
30.6477

161.3083,
180.0693, 217.1888

■ 12.1075, 14.6314,
20.0745

198.8710,
221.1244, 264.9356

■ 6.8896, 8.5611,
12.2646

241.8543,
267.9887, 319.2126

■ 3.4389, 4.4561,
6.7994

290.6236,

■ 1.3899, 1.9318,

321.0465, 380.4382

3.2604

345.5443,
380.6823, 449.0310

■ 0.2490, 0.5674,
1.2291

■ 0.0000, 0.0000,
0.0026

■ 57.9569, 66.2528,
83.1322

■ 57.9569, 66.2528,
83.1322

■ 52.2078, 61.8853,
82.5933

■ 64.6002, 71.1157,
83.7218

■ 47.3041, 57.9827,
82.0985


■ 72.1720, 76.4868,
84.3594


■ 43.2010, 54.5234,
81.6470

■ 80.7119, 82.3882,
85.0484


■ 39.8471, 51.4807,
81.2365


■ 84.8353, 86.0446,
85.5368


 37.1850, 48.8249,
80.8642


 85.8878, 88.1495,
85.8876

 35.1487, 46.5218,
80.5269


 86.9618, 90.2974,
86.2456

 33.6589, 44.5302,
80.2210

 88.0574, 92.4887,
86.6108

 32.7512, 43.0962,
79.9921

 89.1748, 94.7234,
86.9833

 90.3140, 97.0020,
87.3631

Harmonies

Analogous

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



56.8859, 66.2528, 73.8462



57.9569, 66.2528, 83.1322



60.3740, 66.2528, 89.8755

Triad

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



57.9569, 66.2528, 83.1322



68.8933, 66.2528, 79.9471



62.3814, 66.2528, 55.5754

Complementary

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



57.9569, 66.2528, 83.1322



57.5904, 54.8264, 49.6681

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.



65.6420, 66.2528, 56.9028



57.9569, 66.2528, 83.1322



69.4759, 66.2528, 70.4565

Square

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



57.9569, 66.2528, 83.1322



66.7014, 66.2528, 87.9274



68.2669, 66.2528, 62.1586



59.3829, 66.2528, 58.3619

Rectangle

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



57.9569, 66.2528, 83.1322



62.4628, 66.2528, 91.7262



68.2669, 66.2528, 62.1586



63.4826, 66.2528, 55.5582

Sweetspot

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



57.9589, 66.2555, 83.1337



87.8811, 94.9622, 108.3055



54.9146, 68.4770, 56.5006



18.6840, 20.2362, 23.1712



0.0000, 0.0000, 0.0000



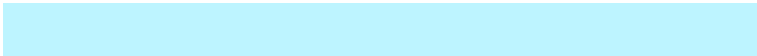
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9589, 66.2555, 83.1337



71.4318, 82.9402, 106.8519



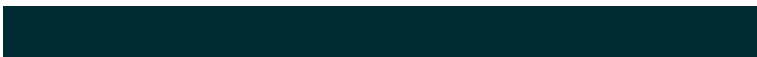
51.9923, 54.3225, 81.1449



14.6009, 15.9231, 18.4483



18.9845, 25.0311, 46.2141



1.4557, 1.9554, 3.4327

Inverse Universe

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



60.8352, 53.5036, 74.8340



75.7624, 64.0820, 94.2791



63.2022, 66.0501, 51.5387



14.8909, 14.5735, 17.6257



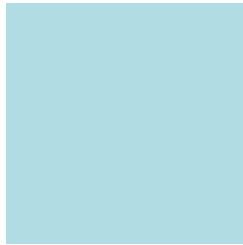
23.9760, 11.7246, 29.8323



1.7984, 0.8771, 2.3449

Previews

White Background



This preview shows how the XYZ color 57.9569, 66.2528, 83.1322 looks on a white background.

Color Contrast Check

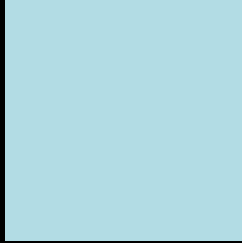
Large Text (above 18pt) WCAG AA × Fail

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 57.9569, 66.2528, 83.1322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

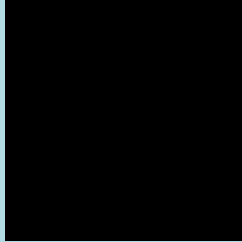
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9569, 66.2528, 83.1322

Background



This preview shows how black text looks on a background with the XYZ color 57.9569, 66.2528, 83.1322.

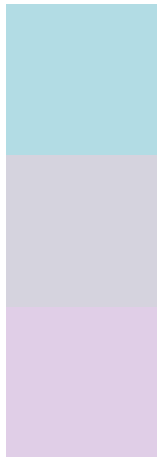


This preview shows how white text looks on a background with the XYZ color 57.9569, 66.2528,

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

57.9569, 66.2528, 83.1322

Protanopia

63.9197, 66.0086, 78.4792

Deuteranopia

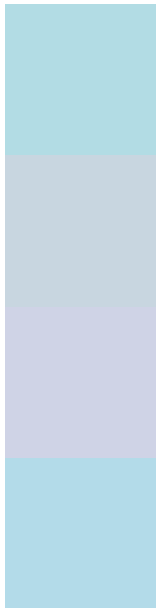
67.2356, 65.7594, 84.7504



Tritanopia

59.2942, 66.4225, 89.0526

Trichromacy



Original Color

57.9569, 66.2528, 83.1322

Protanomaly

61.3205, 65.7543, 79.9809

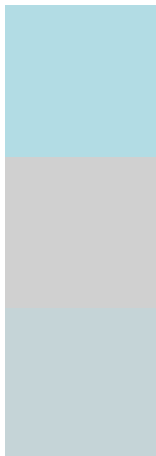
Deuteranomaly

63.3093, 65.5671, 84.1819

Tritanomaly

58.6299, 66.1299, 86.7650

Monochromacy



Original Color

57.9569, 66.2528, 83.1322

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.8352, 63.8636, 73.5159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9569, 66.2528, 83.1322 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(178, 220, 228)` looks like.

```
.text, #text, p{  
    color:rgb(178, 220, 228)  
}
```

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(178, 220, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 220, 228) }
```

Border

The CSS property to change the border of an element to XYZ 57.9569, 66.2528, 83.1322 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(178, 220, 228) }
```


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

```
.border{ border-color:rgb(178, 220, 228) }
```

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

Here you see how a box with a 4 pixel rgb(178, 220, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 220, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 220, 228);  
box-shadow:4px 4px 4px 4px rgb(178, 220,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9569, 66.2528, 83.1322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 220, 228) }
```

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

```
.background{ background-color: rgb(178,  
220, 228) }
```

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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