

Converting Colors

XYZ(59.9253, 67.6753, 72.6227)

Have a look what the booklet for
XYZ(59.9253, 67.6753, 72.6227)
contains.

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Color

**XYZ(59.8516, 67.4598,
72.8173)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DCD5
RGB	194, 220, 213
RGB Percent	76%, 86%, 84%
CMY	0.2392, 0.1372, 0.1647
CMYK	0.12, 0.00, 0.03, 0.14
HSL	164°, 27%, 81%
HSV	164°, 12%, 86%
XYZ	59.8516, 67.4598, 72.8173
YIQ	211.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

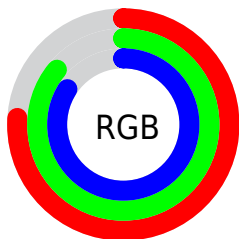
Format	Color
RYB	194, 209, 220
Decimal	12770517
CIELab	85.74, -9.95, 0.51
CIELCh	86, 9.964, 177.084
Yxy	67.4598, 0.2991, 0.3371
Android (android.graphics.Color)	4290960597 (0xFFC2DCD5)
YUV	211.4280, 0.7750, -15.2844
Hunter-Lab	82.1339, -13.6601, 4.9291

Details

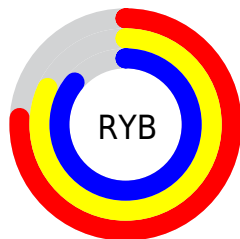
The XYZ color **59.8516, 67.4598, 72.8173** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3521, 58.0181, 63.3319**, and the grayscale version is **62.2028, 65.4422, 71.2665**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **30.4419, 34.9543, 37.4902** is the 20% darker color. If you saturate the color by 10%, you get **53.8798, 64.4684, 68.6843**, and if you desaturate by 10%, it is **66.6906, 70.8988, 77.1372**.

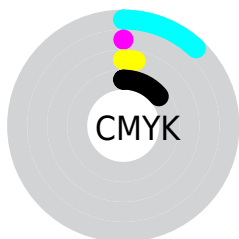
Distribution



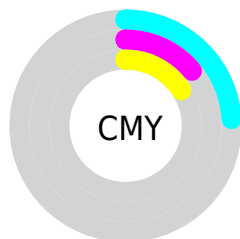
- Red (76%)
- Green (86%)
- Blue (84%)



- Red (76%)
- Yellow (82%)
- Blue (86%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8516, 67.4598, 72.8173 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 59.8516, 67.4598, 72.8173 by changing the saturation by 10% instead.

■ 59.8516, 67.4598,
72.8173

■ 59.8516, 67.4598,
72.8173

413.8941,
451.5797, 489.4352

■ 43.5480, 49.4584,
53.3357

■ 103.7219,
115.5790, 124.9363

■ 30.5117, 34.9832,
37.6812

132.0194,
146.4656, 158.4108

■ 20.3773, 23.6500,
25.4355

165.0456,
182.4160, 197.3866

■ 12.7795, 15.0742,
16.1798

203.1658,
223.8147, 242.2824

■ 7.3528, 8.8715,
9.4958

246.7454,
271.0460, 293.5165

■ 3.7320, 4.6574,
4.9647

296.1497,

■ 1.5517, 2.0477,

324.4943, 351.5077

2.1682

351.7442,
384.5441, 416.6744

■ 0.3606, 0.6350,
0.6559

■ 0.0000, 0.0000,
0.0000

■ 59.8516, 67.4598,
72.8173

■ 59.8516, 67.4598,
72.8173

■ 53.8798, 64.4684,
68.6843

■ 66.6906, 70.8988,
77.1372

■ 48.7327, 61.8972,
64.7304


■ 74.4257, 74.7947,
81.6425


■ 44.3725, 59.7285,
60.9538

■ 81.2268, 78.2058,
86.2506


■ 40.7563, 57.9402,
57.3509


■ 82.0771, 78.5459,
90.7280


 37.8369, 56.5082,
53.9178


 82.9559, 78.8975,
95.3561

 35.5617, 55.4053,
50.6506


 83.8637, 79.2606,
100.1362

 33.8703, 54.6003,
47.5446

 84.8005, 79.6353,
105.0697

 32.6901, 54.0559,
44.5950

 84.8844, 79.6689,
105.5115

 32.0056, 53.7533,
42.2923

Harmonies

Analogous

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



60.5188, 67.4598, 66.8578



59.8516, 67.4598, 72.8173



60.3051, 67.4598, 79.3003

Triad

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



59.8516, 67.4598, 72.8173



66.1292, 67.4598, 85.1706



66.5231, 67.4598, 63.4370

Complementary

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



59.8516, 67.4598, 72.8173



59.3521, 58.0181, 63.3319

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.



68.0894, 67.4598, 67.8990



59.8516, 67.4598, 72.8173



67.8582, 67.4598, 80.4667

Square

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



59.8516, 67.4598, 72.8173



63.8964, 67.4598, 86.6766



68.5836, 67.4598, 74.0909



64.3411, 67.4598, 61.6464

Rectangle

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



59.8516, 67.4598, 72.8173



61.1881, 67.4598, 83.0065



68.5836, 67.4598, 74.0909



67.1410, 67.4598, 64.6608

Sweetspot

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



59.8535, 67.4626, 72.8188



90.9572, 97.9408, 106.4162



59.5191, 67.5528, 60.9421



19.3087, 20.8830, 22.6785



0.0000, 0.0000, 0.0000



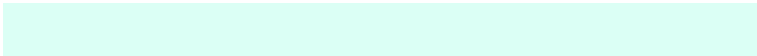
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8535, 67.4626, 72.8188



81.6041, 93.2428, 100.3915



59.3080, 64.9182, 77.1180



13.2874, 14.7666, 15.9764



18.8316, 31.5653, 25.0762



1.2552, 2.0590, 1.8099

Inverse Universe

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



59.3521, 58.0181, 63.3319



80.7808, 77.7321, 84.8126



59.8245, 60.2516, 59.5167



13.1994, 13.1088, 14.3111



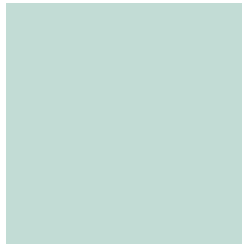
17.8292, 9.1327, 3.4809



1.1908, 0.6060, 0.4137

Previews

White Background



This preview shows how the XYZ color 59.8516, 67.4598, 72.8173 looks on a white background.

Color Contrast Check

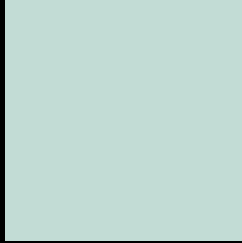
Large Text (above 18pt) WCAG AA × Fail

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 59.8516, 67.4598, 72.8173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

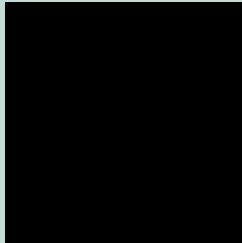
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

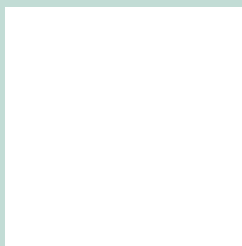
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8516, 67.4598, 72.8173

Background



This preview shows how black text looks on a background with the XYZ color 59.8516, 67.4598, 72.8173.

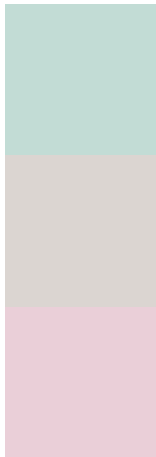


This preview shows how white text looks on a background with the XYZ color 59.8516, 67.4598,

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

59.8516, 67.4598, 72.8173

Protanopia

64.5163, 67.2520, 69.9022

Deuteranopia

68.6392, 67.0759, 74.2950



Tritanopia

62.9528, 67.5720, 87.5666

Trichromacy



Original Color

59.8516, 67.4598, 72.8173

Protanomaly

62.7671, 67.4665, 70.6869

Deuteranomaly

65.0226, 67.0533, 73.8055

Tritanomaly

61.8248, 67.5041, 81.7226

Monochromacy



Original Color

59.8516, 67.4598, 72.8173

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1071, 65.8257, 71.7723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8516, 67.4598, 72.8173 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(194, 220, 213) looks like.

```
.text, #text, p{  
    color:rgb(194, 220, 213)  
}
```

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(194, 220, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 220, 213) }
```

Border

The CSS property to change the border of an element to XYZ 59.8516, 67.4598, 72.8173 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(194, 220, 213) }
```


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

```
.border{ border-color:rgb(194, 220, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 220, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 220, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 220, 213);  
box-shadow:4px 4px 4px 4px rgb(194, 220,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8516, 67.4598, 72.8173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 220, 213) }
```

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

```
.background{ background-color: rgb(194,  
220, 213) }
```

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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