

Converting Colors

XYZ(59.8187, 67.7389, 65.4958)

Have a look what the booklet for
XYZ(59.8187, 67.7389, 65.4958)
contains.

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Color

**XYZ(59.8071, 67.5928,
65.7717)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DCCA
RGB	199, 220, 202
RGB Percent	78%, 86%, 79%
CMY	0.2196, 0.1372, 0.2078
CMYK	0.10, 0.00, 0.08, 0.14
HSL	129°, 23%, 82%
HSV	129°, 10%, 86%
XYZ	59.8071, 67.5928, 65.7717
YIQ	211.6690, -6.7380, -10.0500

Conversions

Conversions Part 2

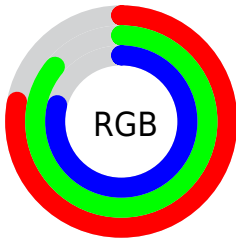
Format	Color
RYB	199, 217, 220
Decimal	13098186
CIELab	85.80, -10.35, 6.46
CIElCh	86, 12.195, 148.037
Yxy	67.5928, 0.3096, 0.3499
Android (android.graphics.Color)	4291288266 (0xFFC7DCCA)
YUV	211.6690, -4.7668, -11.1107
Hunter-Lab	82.2148, -14.0263, 10.1185

Details

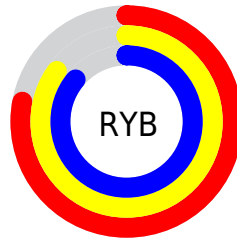
The XYZ color **59.8071, 67.5928, 65.7717** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4655, 61.0740, 74.1451**, and the grayscale version is **62.3950, 65.6444, 71.4868**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4775, 35.0681, 33.1795** is the 20% darker color. If you saturate the color by 10%, you get **52.2884, 63.9611, 54.4681**, and if you desaturate by 10%, it is **68.4464, 71.7745, 78.5549**.

Distribution



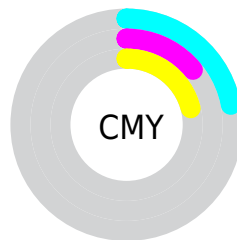
- Red (78%)
- Green (86%)
- Blue (79%)



- Red (78%)
- Yellow (85%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8071, 67.5928, 65.7717 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 59.8071, 67.5928, 65.7717 by changing the saturation by 10% instead.

■ 59.8071, 67.5928,
65.7717

■ 59.8071, 67.5928,
65.7717

413.7325,
452.0519, 463.9419

■ 43.5120, 49.5665,
47.6318

103.6577,
115.7694, 114.7825

■ 30.4833, 35.0691,
33.1775

131.9440,
146.6886, 146.4904

■ 20.3556, 23.7161,
21.9902

164.9581,
182.6741, 183.5581

■ 12.7636, 15.1232,
13.6515

203.0653,
224.1105, 226.4041

■ 7.3418, 8.9059,
7.7427

246.6309,
271.3821, 275.4469

■ 3.7250, 4.6798,
3.8453

296.0205,

■ 1.5478, 2.0607,

324.8732, 331.1052

1.5409

351.5992,
384.9684, 393.7973

■ 0.3580, 0.6424,
0.2481

■ 0.0000, 0.0000,
0.0000

■ 59.8071, 67.5928,
65.7717

■ 59.8071, 67.5928,
65.7717

■ 52.2884, 63.9611,
54.4681

■ 68.4464, 71.7745,
78.5549

■ 45.8389, 60.8483,
44.5864

■ 78.2438, 76.5186,
92.8639

■ 40.4113, 58.2331,
36.0717

■ 84.8845, 79.6690,
105.5115

■ 35.9528, 56.0896,
28.8636

■ 32.4057, 54.3894,
22.8975

■ 29.7062, 53.1011,
18.1030

■ 27.7820, 52.1890,
14.4030

■ 26.5484, 51.6114,
11.7108

■ 25.8715, 51.3013,
9.9252

Harmonies

Analogous

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



61.7600, 67.5928, 60.8709



59.8071, 67.5928, 65.7717



59.0392, 67.5928, 73.0729

Triad

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



59.8071, 67.5928, 65.7717



64.0616, 67.5928, 90.0169



69.0894, 67.5928, 66.6197

Complementary

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



59.8071, 67.5928, 65.7717



62.4655, 61.0740, 74.1451

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.



69.7480, 67.5928, 74.1237



59.8071, 67.5928, 65.7717



66.7956, 67.5928, 87.9838

Square

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



59.8071, 67.5928, 65.7717



61.4510, 67.5928, 87.3933



68.8970, 67.5928, 82.0197



67.1222, 67.5928, 61.3350

Rectangle

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



59.8071, 67.5928, 65.7717



59.2854, 67.5928, 78.4496



68.8970, 67.5928, 82.0197



69.4736, 67.5928, 68.9489

Sweetspot

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



59.8090, 67.5957, 65.7732



91.2534, 98.1627, 103.3052



64.5796, 70.0957, 64.1599



19.3201, 20.9083, 21.7985



0.0000, 0.0000, 0.0000



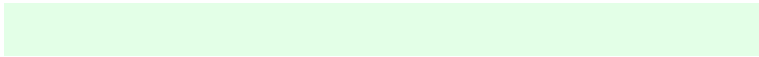
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8090, 67.5957, 65.7732



81.8405, 93.6098, 89.3243



61.0701, 68.1001, 72.4143



12.9619, 14.6364, 14.2624



15.1934, 30.1100, 5.9177



1.0090, 1.9606, 0.5135

Inverse Universe

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



62.4655, 61.0740, 74.1451



86.1069, 83.1354, 102.7696



61.1667, 60.5544, 67.3055



13.5302, 13.2412, 16.0534



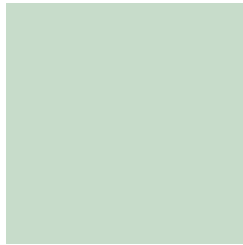
22.7176, 11.0881, 29.2224



1.4941, 0.7273, 2.0111

Previews

White Background



This preview shows how the XYZ color 59.8071, 67.5928, 65.7717 looks on a white background.

Color Contrast Check

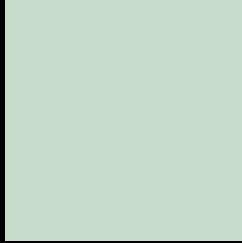
Large Text (above 18pt) WCAG AA × Fail

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 59.8071, 67.5928, 65.7717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

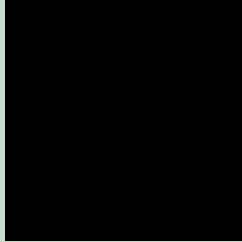
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

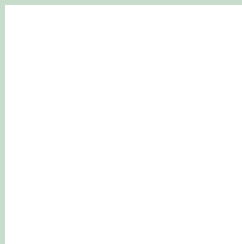
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8071, 67.5928, 65.7717

Background



This preview shows how black text looks on a background with the XYZ color 59.8071, 67.5928, 65.7717.



This preview shows how white text looks on a background with the XYZ color 59.8071, 67.5928,

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

59.8071, 67.5928, 65.7717

Protanopia

64.1115, 67.1953, 63.0170

Deuteranopia

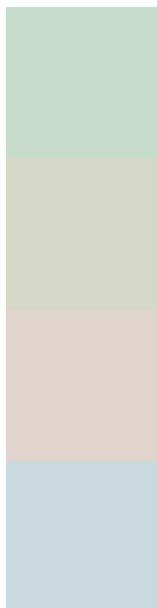
68.5922, 67.2106, 67.1153



Tritanopia

63.9103, 67.3214, 86.7167

Trichromacy



Original Color

59.8071, 67.5928, 65.7717

Protanomaly

62.5962, 67.5314, 63.7685

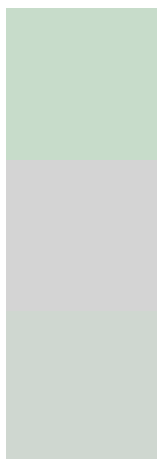
Deuteranomaly

65.1830, 67.2939, 66.6802

Tritanomaly

62.3548, 67.4562, 78.8411

Monochromacy



Original Color

59.8071, 67.5928, 65.7717

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.4177, 66.4203, 69.2579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8071, 67.5928, 65.7717 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(199, 220, 202)` looks like.

```
.text, #text, p{  
    color:rgb(199, 220, 202)  
}
```

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(199, 220, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 220, 202) }
```

Border

The CSS property to change the border of an element to XYZ 59.8071, 67.5928, 65.7717 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(199, 220, 202) }
```


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

```
.border{ border-color:rgb(199, 220, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 220, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 220, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 220, 202);  
box-shadow:4px 4px 4px 4px rgb(199, 220,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8071, 67.5928, 65.7717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 220, 202) }
```

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

```
.background{ background-color: rgb(199,  
220, 202) }
```

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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