

Converting Colors

XYZ(59.6617, 66.7289, 75.2084)

Have a look what the booklet for
XYZ(59.6617, 66.7289, 75.2084)
contains.

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Color

**XYZ(59.8482, 67.0102,
75.4256)**

Conversions

Conversions Part 1

Format	Color
Hex	C1DBD9
RGB	193, 219, 217
RGB Percent	76%, 86%, 85%
CMY	0.2431, 0.1412, 0.1490
CMYK	0.12, 0.00, 0.01, 0.14
HSL	175°, 27%, 81%
HSV	175°, 12%, 86%
XYZ	59.8482, 67.0102, 75.4256
YIQ	210.9980, -14.8540, -6.1340

Conversions

Conversions Part 2

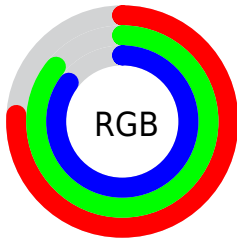
Format	Color
RYB	193, 207, 219
Decimal	12704729
CIELab	85.51, -8.98, -1.95
CIELCh	86, 9.192, 192.232
Yxy	67.0102, 0.2959, 0.3313
Android (android.graphics.Color)	4290894809 (0xFFC1DBD9)
YUV	210.9980, 2.9590, -15.7842
Hunter-Lab	81.8598, -12.7521, 2.6720

Details

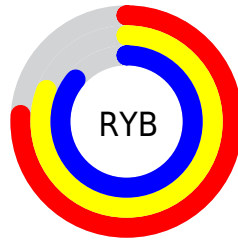
The XYZ color **59.8482, 67.0102, 75.4256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1361, 57.1419, 59.5981**, and the grayscale version is **61.9052, 65.1291, 70.9256**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **30.4445, 34.6485, 39.2657** is the 20% darker color. If you saturate the color by 10%, you get **54.4556, 64.2573, 74.0349**, and if you desaturate by 10%, it is **66.0736, 70.1958, 76.8698**.

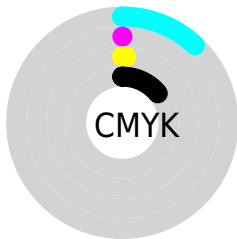
Distribution



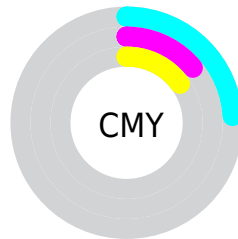
- Red (76%)
- Green (86%)
- Blue (85%)



- Red (76%)
- Yellow (81%)
- Blue (86%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)



- Cyan (24%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8482, 67.0102, 75.4256 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 59.8482, 67.0102, 75.4256 by changing the saturation by 10% instead.

■ 59.8482, 67.0102,
75.4256

■ 59.8482, 67.0102,
75.4256

413.8817,
449.9811, 498.6735

■ 43.5453, 49.0929,
55.4578

■ 103.7170,
114.9350, 128.6673

■ 30.5096, 34.6932,
39.3673

132.0137,
145.7114, 162.7782

■ 20.3757, 23.4266,
26.7356

165.0389,
181.5428, 202.4406

■ 12.7783, 14.9088,
17.1440

203.1581,
222.8138, 248.0730

■ 7.3520, 8.7554,
10.1742

246.7366,
269.9088, 300.0940

■ 3.7315, 4.5820,
5.4075

296.1398,

■ 1.5514, 2.0042,

323.2120, 358.9220

2.4254

351.7331,
383.1080, 424.9757

■ 0.3604, 0.6099,
0.8002

■ 0.0000, 0.0000,
0.0000

■ 59.8482, 67.0102,
75.4256

■ 59.8482, 67.0102,
75.4256

■ 54.4556, 64.2573,
74.0349

■ 66.0736, 70.1958,
76.8698

■ 49.8539, 61.9100,
72.6914


■ 73.1601, 73.8233,
78.3647


■ 46.0061, 59.9511,
71.3949


■ 79.7660, 77.2028,
79.8488


■ 42.8700, 58.3588,
70.1433


■ 79.9934, 77.2937,
81.0463


 40.3992, 57.1093,
68.9344


 80.2230, 77.3856,
82.2557


 38.5420, 56.1758,
67.7658


 80.4550, 77.4784,
83.4771


 37.2388, 55.5276,
66.6346

 80.6892, 77.5721,
84.7105

 36.4182, 55.1281,
65.5374

 80.9257, 77.6667,
85.9560

 36.0093, 54.9361,
64.6663

 81.1645, 77.7622,
87.2136

Harmonies

Analogous

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



59.9445, 67.0102, 69.5104



59.8482, 67.0102, 75.4256



60.7650, 67.0102, 80.9656

Triad

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



59.8482, 67.0102, 75.4256



66.4275, 67.0102, 81.8101



64.9240, 67.0102, 62.5534

Complementary

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



59.8482, 67.0102, 75.4256



58.1361, 57.1419, 59.5981

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.



66.7098, 67.0102, 65.5054



59.8482, 67.0102, 75.4256



67.5908, 67.0102, 76.5274

Square

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



59.8482, 67.0102, 75.4256



64.5454, 67.0102, 84.7844



67.6953, 67.0102, 70.5540



62.8445, 67.0102, 62.2944

Rectangle

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



59.8482, 67.0102, 75.4256



61.8393, 67.0102, 83.6150



67.6953, 67.0102, 70.5540



65.5797, 67.0102, 63.2559

Sweetspot

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



59.8501, 67.0130, 75.4271



91.2702, 98.0660, 108.0641



57.5079, 66.1404, 60.1886



19.3881, 20.9147, 23.0968



0.0000, 0.0000, 0.0000



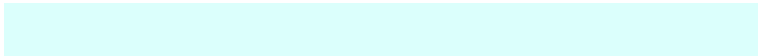
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8501, 67.0130, 75.4271



82.6741, 93.6708, 106.0261



57.3770, 61.6472, 75.8961



13.3993, 14.8114, 16.5658



21.3693, 32.5803, 38.4396



1.3976, 2.1160, 2.5596

Inverse Universe

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



58.1361, 57.1419, 59.5981



79.8414, 77.3563, 79.8656



60.3947, 62.0191, 59.2409



13.0965, 13.0677, 13.7696



17.3971, 8.9599, 1.2055



1.1416, 0.5863, 0.1545

Previews

White Background



This preview shows how the XYZ color 59.8482, 67.0102, 75.4256 looks on a white background.

Color Contrast Check

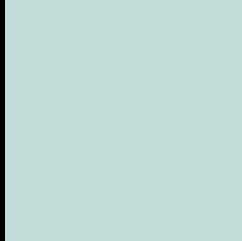
Large Text (above 18pt) WCAG AA × Fail

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 59.8482, 67.0102, 75.4256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

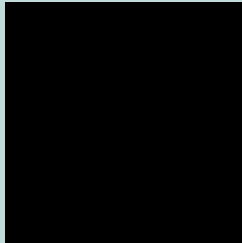
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

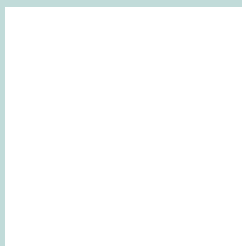
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8482, 67.0102, 75.4256

Background



This preview shows how black text looks on a background with the XYZ color 59.8482, 67.0102, 75.4256.



This preview shows how white text looks on a background with the XYZ color 59.8482, 67.0102,

75.4256.

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

59.8482, 67.0102, 75.4256

Protanopia

64.1690, 66.6428, 72.4321

Deuteranopia

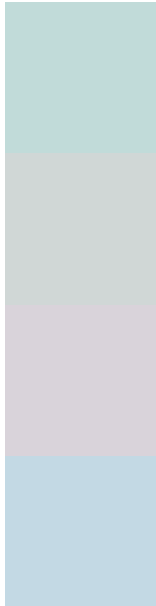
68.0540, 66.7290, 76.3110



Tritanopia

62.1721, 66.7880, 87.4565

Trichromacy



Original Color

59.8482, 67.0102, 75.4256

Protanomaly

62.4505, 66.8658, 73.2332

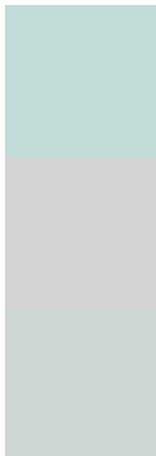
Deuteranomaly

64.5644, 66.4022, 75.7437

Tritanomaly

61.3221, 66.8292, 83.0661

Monochromacy



Original Color

59.8482, 67.0102, 75.4256

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.9586, 65.7346, 72.4260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8482, 67.0102, 75.4256 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(193, 219, 217)` looks like.

```
.text, #text, p{  
    color:rgb(193, 219, 217)  
}
```

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(193, 219, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 219, 217) }
```

Border

The CSS property to change the border of an element to XYZ 59.8482, 67.0102, 75.4256 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(193, 219, 217) }
```


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

```
.border{ border-color:rgb(193, 219, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 219, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 219, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 219, 217); box-shadow:4px 4px 4px 4px rgb(193, 219, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8482, 67.0102, 75.4256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 219, 217) }
```

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

```
.background{ background-color: rgb(193,  
219, 217) }
```

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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