

Converting Colors

XYZ(59.4211, 66.5426, 69.0647)

Have a look what the booklet for
XYZ(59.4211, 66.5426, 69.0647)
contains.

XYZ(59.4825, 66.5672, 69.3882)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.4825, 66.5672,
69.3882)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DAD0
RGB	197, 218, 208
RGB Percent	77%, 85%, 82%
CMY	0.2274, 0.1451, 0.1843
CMYK	0.10, 0.00, 0.05, 0.15
HSL	151°, 22%, 81%
HSV	151°, 10%, 85%
XYZ	59.4825, 66.5672, 69.3882
YIQ	210.5810, -9.3060, -7.5620

Conversions

Conversions Part 2

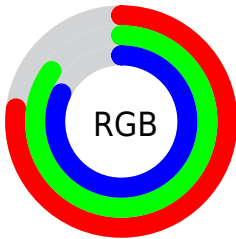
Format	Color
RYB	197, 211, 218
Decimal	12966608
CIELab	85.28, -8.89, 2.52
CIELCh	85, 9.242, 164.179
Yxy	66.5672, 0.3044, 0.3406
Android (android.graphics.Color)	4291156688 (0xFFC5DAD0)
YUV	210.5810, -1.2724, -11.9105
Hunter-Lab	81.5887, -12.6443, 6.6881

Details

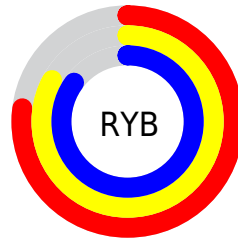
The XYZ color **59.4825, 66.5672, 69.3882** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1446, 59.3446, 67.3192**, and the grayscale version is **61.6546, 64.8654, 70.6385**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **30.2576, 34.3671, 35.6106** is the 20% darker color. If you saturate the color by 10%, you get **52.9461, 63.3422, 62.6315**, and if you desaturate by 10%, it is **66.9318, 70.2568, 76.6270**.

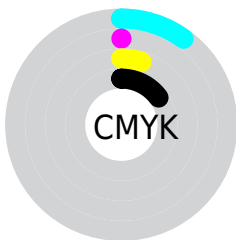
Distribution



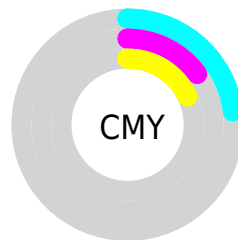
- Red (77%)
- Green (85%)
- Blue (82%)



- Red (77%)
- Yellow (83%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4825, 66.5672, 69.3882 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 59.4825, 66.5672, 69.3882 by changing the saturation by 10% instead.

■ 59.4825, 66.5672,
69.3882

■ 59.4825, 66.5672,
69.3882

412.5530,
448.4027, 477.1299

■ 43.2495, 48.7330,
50.5542

103.1892,
114.3000, 120.0088

■ 30.2763, 34.4077,
35.4797

131.3937,
144.9674, 152.6325

■ 20.1975, 23.2070,
23.7461

164.3193,
180.6814, 190.6898

■ 12.6478, 14.7464,
14.9349

202.3315,
221.8262, 234.5993

■ 7.2618, 8.6416,
8.6276

245.7956,
268.7864, 284.7795

■ 3.6741, 4.5082,
4.4056

295.0770,

■ 1.5195, 1.9617,

321.9462, 341.6490

1.8504

350.5410,
381.6902, 405.6263

■ 0.3390, 0.5851,
0.4609

■ 0.0000, 0.0000,
0.0000

■ 59.4825, 66.5672,
69.3882

■ 59.4825, 66.5672,
69.3882

■ 52.9461, 63.3422,
62.6315

■ 66.9318, 70.2568,
76.6270

■ 47.2802, 60.5547,
56.3424

■ 75.3231, 74.4204,
84.3532

■ 42.4471, 58.1872,
50.5121

■ 81.9149, 77.6463,
92.4477

■ 38.4043, 56.2180,
45.1298

■ 83.4949, 78.2782,
100.7678

■ 35.1052, 54.6233,
40.1842

■ 84.3627, 78.6254,
105.3376

■ 32.4982, 53.3766,
35.6635

■ 30.5244, 52.4480,
31.5551

■ 29.1146, 51.8019,
27.8456

■ 28.1516, 51.3781,
24.5190

Harmonies

Analogous

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



60.5110, 66.5672, 64.5370



59.4825, 66.5672, 69.3882



59.4539, 66.5672, 75.3359

Triad

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



59.4825, 66.5672, 69.3882



64.2595, 66.5672, 84.2194



66.1957, 66.5672, 64.7530

Complementary

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



59.4825, 66.5672, 69.3882



60.1446, 59.3446, 67.3192

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.



67.2462, 66.5672, 69.6979



59.4825, 66.5672, 69.3882



66.1118, 66.5672, 81.0502

Square

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



59.4825, 66.5672, 69.3882



62.1810, 66.5672, 84.1251



67.2152, 66.5672, 75.6631



64.3719, 66.5672, 61.9631

Rectangle

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



59.4825, 66.5672, 69.3882



60.0040, 66.5672, 79.1391



67.2152, 66.5672, 75.6631



66.6527, 66.5672, 66.2060

Sweetspot

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



59.4844, 66.5700, 69.3897



91.7102, 98.3454, 105.7107



60.9258, 67.4641, 62.6349



19.4431, 20.9575, 22.4463



0.0000, 0.0000, 0.0000



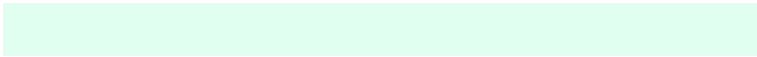
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4844, 66.5700, 69.3897



82.4162, 93.7479, 96.5217



60.6639, 66.8967, 76.0481



13.1700, 14.7196, 15.3579



16.9007, 30.7929, 14.9086



1.1384, 2.0123, 1.1947

Inverse Universe

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



60.1446, 59.3446, 67.3192



83.5794, 81.0170, 92.8739



59.0393, 59.0298, 61.1064



13.3130, 13.1543, 14.9094



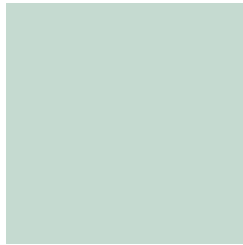
18.8675, 9.5481, 8.9484



1.2657, 0.6359, 0.8081

Previews

White Background



This preview shows how the XYZ color 59.4825, 66.5672, 69.3882 looks on a white background.

Color Contrast Check

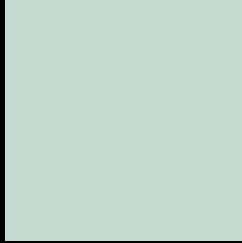
Large Text (above 18pt) WCAG AA × Fail

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 59.4825, 66.5672, 69.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

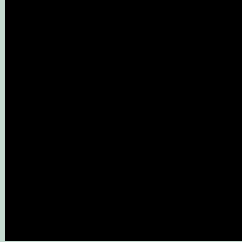
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

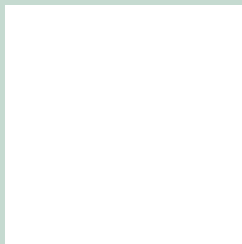
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4825, 66.5672, 69.3882

Background



This preview shows how black text looks on a background with the XYZ color 59.4825, 66.5672, 69.3882.

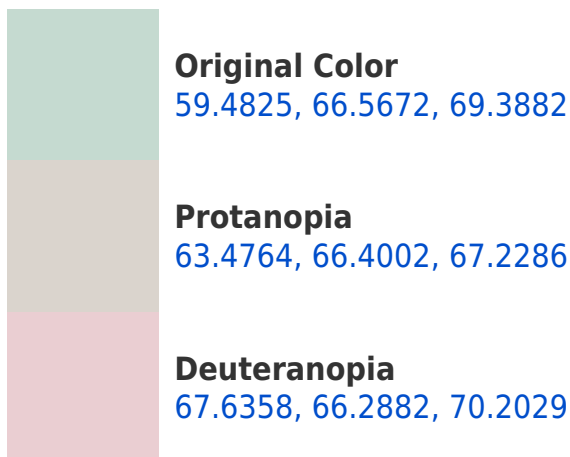


This preview shows how white text looks on a background with the XYZ color 59.4825, 66.5672,

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

62.5578, 66.2802, 85.0975

Trichromacy



Original Color

59.4825, 66.5672, 69.3882

Protanomaly

61.7655, 66.2510, 67.9249

Deuteranomaly

64.3740, 66.0688, 69.6813

Tritanomaly

61.4391, 66.2080, 79.3533

Monochromacy



Original Color

59.4825, 66.5672, 69.3882

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.1330, 65.8681, 70.4645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4825, 66.5672, 69.3882 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(197, 218, 208)` looks like.

```
.text, #text, p{  
    color:rgb(197, 218, 208)  
}
```

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(197, 218, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 218, 208) }
```

Border

The CSS property to change the border of an element to XYZ 59.4825, 66.5672, 69.3882 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(197, 218, 208) }
```


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

```
.border{ border-color:rgb(197, 218, 208) }
```

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

Here you see how a box with a 4 pixel rgb(197, 218, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 218, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 218, 208);  
box-shadow:4px 4px 4px 4px rgb(197, 218,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4825, 66.5672, 69.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 218, 208) }
```

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

```
.background{ background-color: rgb(197,  
218, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor