

Converting Colors

XYZ(59.5314, 66.2647, 66.7795)

Have a look what the booklet for
XYZ(59.5314, 66.2647, 66.7795)
contains.

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Color

**XYZ(59.5314, 66.2647,
66.7795)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D9CC
RGB	200, 217, 204
RGB Percent	78%, 85%, 80%
CMY	0.2157, 0.1490, 0.2000
CMYK	0.08, 0.00, 0.06, 0.15
HSL	134°, 18%, 82%
HSV	134°, 8%, 85%
XYZ	59.5314, 66.2647, 66.7795
YIQ	210.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

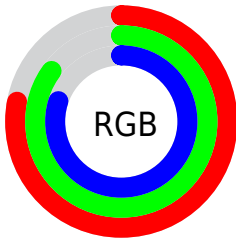
Format	Color
R _Y B	200, 214, 217
Decimal	13162956
CIE Lab	85.13, -8.11, 4.44
CIE LCh	85, 9.247, 151.312
Yxy	66.2647, 0.3091, 0.3441
Android (android.graphics.Color)	4291353036 (0xFFC8D9CC)
YUV	210.4350, -3.1725, -9.1515
Hunter-Lab	81.4031, -11.9156, 8.3433

Details

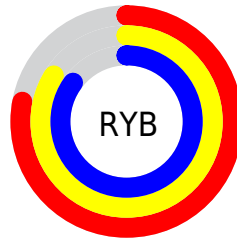
The XYZ color **59.5314, 66.2647, 66.7795** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2822, 60.8661, 71.4724**, and the grayscale version is **61.5690, 64.7754, 70.5404**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2794, 34.1537, 33.8506** is the 20% darker color. If you saturate the color by 10%, you get **52.2566, 62.7341, 56.5967**, and if you desaturate by 10%, it is **67.8447, 70.3098, 78.1209**.

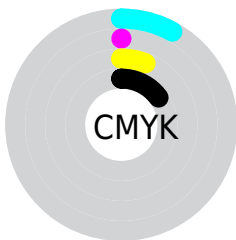
Distribution



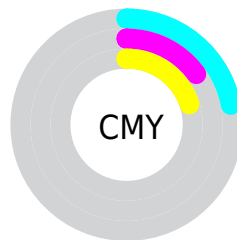
- Red (78%)
- Green (85%)
- Blue (80%)



- Red (78%)
- Yellow (84%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5314, 66.2647, 66.7795 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 59.5314, 66.2647, 66.7795 by changing the saturation by 10% instead.

■ 59.5314, 66.2647,
66.7795

■ 59.5314, 66.2647,
66.7795

412.7308,
447.3229, 467.6396

■ 43.2891, 48.4873,
48.4450

103.2598,
113.8662, 116.2420

■ 30.3075, 34.2130,
33.8169

131.4766,
144.4590, 148.2072

■ 20.2213, 23.0572,
22.4768

164.4156,
180.0925, 185.5529

■ 12.6652, 14.6358,
14.0060

202.4421,
221.1510, 228.6978

■ 7.2738, 8.5642,
7.9860

245.9216,
268.0189, 278.0603

■ 3.6818, 4.4580,
3.9984

295.2193,

■ 1.5237, 1.9329,

321.0806, 334.0591

1.6244

350.7006,
380.7205, 397.1127

■ 0.3419, 0.5681,
0.3082

■ 0.0000, 0.0000,
0.0000

■ 59.5314, 66.2647,
66.7795

■ 59.5314, 66.2647,
66.7795

■ 52.2566, 62.7341,
56.5967

■ 67.8447, 70.3098,
78.1209

■ 45.9736, 59.6893,
47.5317

■ 77.2296, 74.8803,
90.6512

■ 40.6404, 57.1111,
39.5475

■ 83.9096, 78.0304,
104.2269

■ 36.2099, 54.9762,
32.6037

■ 84.1041, 78.1082,
105.2514

■ 32.6306, 53.2589,
26.6572

■ 29.8459, 51.9311,
21.6619

■ 27.7922, 50.9608,
17.5680

■ 26.3953, 50.3111,
14.3212

■ 25.5540, 49.9310,
11.8605

Harmonies

Analogous

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



60.9224, 66.2647, 62.7812



59.5314, 66.2647, 66.7795



59.0598, 66.2647, 72.4141

Triad

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



59.5314, 66.2647, 66.7795



63.0744, 66.2647, 84.2466



66.4695, 66.2647, 66.3481

Complementary

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



59.5314, 66.2647, 66.7795



61.2822, 60.8661, 71.4724

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.



67.0754, 66.2647, 71.8885



59.5314, 66.2647, 66.7795



65.0887, 66.2647, 82.4095

Square

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



59.5314, 66.2647, 66.7795



61.0780, 66.2647, 82.6970



66.5647, 66.2647, 77.8031



64.9264, 66.2647, 62.5420

Rectangle

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



59.5314, 66.2647, 66.7795



59.3217, 66.2647, 76.4040



66.5647, 66.2647, 77.8031



66.7911, 66.2647, 68.0588

Sweetspot

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



59.5332, 66.2675, 66.7810



92.5768, 98.7969, 105.5397



62.6911, 67.9502, 64.4561



19.8412, 21.1592, 22.6251



0.0000, 0.0000, 0.0000



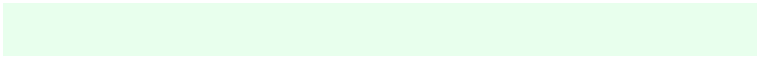
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5332, 66.2675, 66.7810



84.4067, 94.8249, 94.3195



60.5771, 66.6851, 72.2779



13.0114, 14.6562, 14.5231



15.4170, 30.1994, 7.0954



1.0323, 1.9699, 0.6363

Inverse Universe

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



61.2822, 60.8661, 71.4724



87.3035, 85.8785, 102.0896



60.2349, 60.4472, 65.9570



13.4765, 13.2197, 15.7707



21.5287, 10.6125, 22.9622



1.4271, 0.7005, 1.6580

Previews

White Background



This preview shows how the XYZ color 59.5314, 66.2647, 66.7795 looks on a white background.

Color Contrast Check

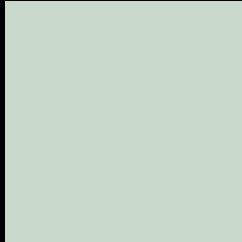
Large Text (above 18pt) WCAG AA × Fail

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 59.5314, 66.2647, 66.7795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

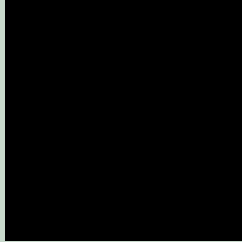
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

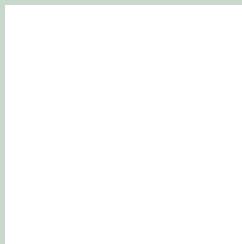
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5314, 66.2647, 66.7795

Background



This preview shows how black text looks on a background with the XYZ color 59.5314, 66.2647, 66.7795.

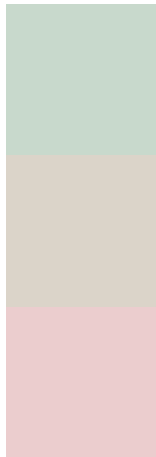


This preview shows how white text looks on a background with the XYZ color 59.5314, 66.2647,

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

59.5314, 66.2647, 66.7795

Protanopia

63.2995, 66.3641, 64.7316

Deuteranopia

67.2328, 65.7810, 67.5460



Tritanopia

62.9790, 66.1390, 84.3097

Trichromacy



Original Color

59.5314, 66.2647, 66.7795

Protanomaly

61.8586, 66.3545, 65.4245

Deuteranomaly

63.9441, 65.5383, 67.0375

Tritanomaly

61.7263, 66.0101, 77.8945

Monochromacy



Original Color

59.5314, 66.2647, 66.7795

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.6330, 65.2644, 69.0761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5314, 66.2647, 66.7795 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(200, 217, 204)` looks like.

```
.text, #text, p{  
    color:rgb(200, 217, 204)  
}
```

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(200, 217, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 217, 204) }
```

Border

The CSS property to change the border of an element to XYZ 59.5314, 66.2647, 66.7795 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(200, 217, 204) }
```


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

```
.border{ border-color:rgb(200, 217, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 217, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 217, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 217, 204);  
box-shadow:4px 4px 4px 4px rgb(200, 217,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5314, 66.2647, 66.7795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 217, 204) }
```

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

```
.background{ background-color: rgb(200,  
217, 204) }
```

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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