

Converting Colors

XYZ(59.7917, 66.2980, 62.3099)

Have a look what the booklet for
XYZ(59.7917, 66.2980, 62.3099)
contains.

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Color

**XYZ(59.8107, 66.1221,
62.4338)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD8C5
RGB	205, 216, 197
RGB Percent	80%, 85%, 77%
CMY	0.1961, 0.1529, 0.2274
CMYK	0.05, 0.00, 0.09, 0.15
HSL	95°, 20%, 81%
HSV	95°, 9%, 85%
XYZ	59.8107, 66.1221, 62.4338
YIQ	210.5450, -0.4570, -8.2410

Conversions

Conversions Part 2

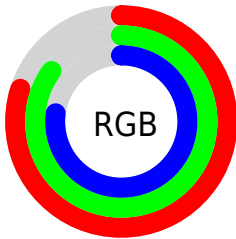
Format	Color
RYB	197, 216, 208
Decimal	13490373
CIELab	85.06, -7.13, 8.08
CIELCh	85, 10.779, 131.421
Yxy	66.1221, 0.3175, 0.3510
Android (android.graphics.Color)	4291680453 (0xFFCDD8C5)
YUV	210.5450, -6.6777, -4.8630
Hunter-Lab	81.3155, -11.0084, 11.3982

Details

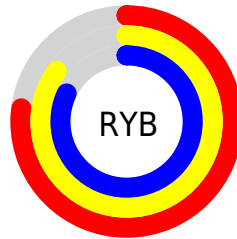
The XYZ color **59.8107, 66.1221, 62.4338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3760, 58.3021, 73.1460**, and the grayscale version is **61.6612, 64.8724, 70.6460**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **30.4653, 34.0522, 30.9536** is the 20% darker color. If you saturate the color by 10%, you get **54.1978, 63.4962, 50.1638**, and if you desaturate by 10%, it is **66.0579, 69.0378, 76.5875**.

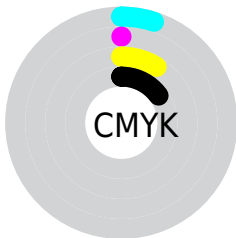
Distribution



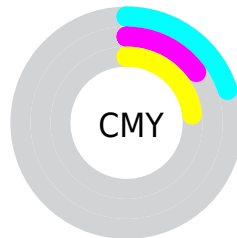
- Red (80%)
- Green (85%)
- Blue (77%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8107, 66.1221, 62.4338 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 59.8107, 66.1221, 62.4338 by changing the saturation by 10% instead.

■ 59.8107, 66.1221,
62.4338

■ 59.8107, 66.1221,
62.4338

413.7456,
446.8134, 451.5630

■ 43.5149, 48.3715,
44.9453

103.6629,
113.6616, 109.9299

■ 30.4856, 34.1212,
31.0717

131.9501,
144.2192, 140.7746

■ 20.3574, 22.9867,
20.3945

164.9651,
179.8147, 176.9084

■ 12.7649, 14.5837,
12.4952

203.0734,
220.8325, 218.7498

■ 7.3427, 8.5277,
6.9553

246.6402,
267.6568, 266.7174

■ 3.7256, 4.4345,
3.3561

296.0309,

■ 1.5481, 1.9194,

320.6721, 321.2298

1.2792

351.6110,
380.2629, 382.7055

■ 0.3582, 0.5600,
0.0447

■ 0.0000, 0.0000,
0.0000

■ 59.8107, 66.1221,
62.4338

■ 59.8107, 66.1221,
62.4338

■ 54.1978, 63.4962,
50.1638

■ 66.0579, 69.0378,
76.5875

■ 49.1922, 61.1423,
39.6938

■ 72.9541, 72.2435,
92.6953

■ 44.7730, 59.0533,
30.9403

■ 79.4057, 75.3047,
104.9579

■ 40.9160, 57.2187,
23.8114

■ 83.8472, 77.5944,
105.1657

■ 37.5948, 55.6273,
18.2067

■ 34.7809, 54.2665,
14.0144

■ 32.4423, 53.1228,
11.1078

■ 30.5423, 52.1806,
9.3371

■ 29.0280, 51.4175,
8.4692

Harmonies

Analogous

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



61.9278, 66.1221, 59.6767



59.8107, 66.1221, 62.4338



58.5276, 66.1221, 67.8218

Triad

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



59.8107, 66.1221, 62.4338



61.3723, 66.1221, 85.4183



67.5320, 66.1221, 69.3822

Complementary

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



59.8107, 66.1221, 62.4338



58.3760, 58.3021, 73.1460

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.



67.3740, 66.1221, 76.3374



59.8107, 66.1221, 62.4338



63.7754, 66.1221, 85.9031

Square

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



59.8107, 66.1221, 62.4338



59.4131, 66.1221, 81.2023



65.9845, 66.1221, 82.4873



66.4109, 66.1221, 63.5127

Rectangle

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



59.8107, 66.1221, 62.4338



58.2974, 66.1221, 72.3275



65.9845, 66.1221, 82.4873



67.6275, 66.1221, 71.6649

Sweetspot

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



59.8125, 66.1250, 62.4352



92.2316, 98.6865, 102.4664



60.8986, 63.6308, 61.8966



19.5832, 21.0492, 21.5733



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.



59.8125, 66.1250, 62.4352



85.1329, 95.3718, 86.5585



57.8076, 65.0746, 63.1025



12.7529, 14.1488, 13.2196



17.2009, 30.4437, 4.9696



1.1308, 1.8843, 0.3041

Inverse Universe

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



58.3760, 58.3021, 73.1460



82.5341, 81.2198, 105.9347



60.5192, 59.4258, 72.3944



12.4245, 12.3602, 15.6684



12.4747, 5.5834, 38.8734



0.8459, 0.3850, 2.3490

Previews

White Background



This preview shows how the XYZ color 59.8107, 66.1221, 62.4338 looks on a white background.

Color Contrast Check

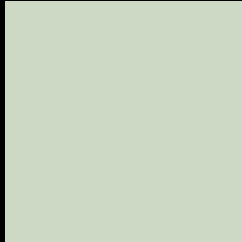
Large Text (above 18pt) WCAG AA × Fail

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 59.8107, 66.1221, 62.4338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

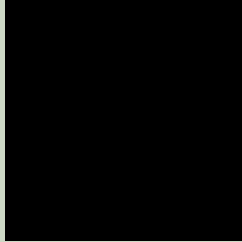
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

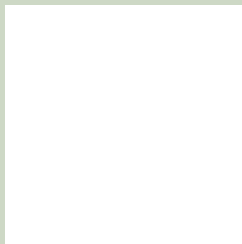
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8107, 66.1221, 62.4338

Background



This preview shows how black text looks on a background with the XYZ color 59.8107, 66.1221, 62.4338.



This preview shows how white text looks on a background with the XYZ color 59.8107, 66.1221,

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

59.8107, 66.1221, 62.4338

Protanopia

62.6598, 65.7443, 61.0172

Deuteranopia

67.4000, 65.9633, 63.2127



Tritanopia

63.8762, 65.8916, 82.7505

Trichromacy



Original Color

59.8107, 66.1221, 62.4338

Protanomaly

61.7824, 66.0211, 61.7116

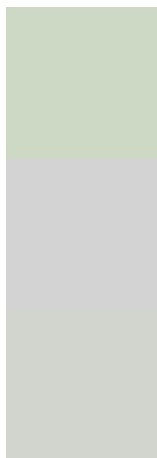
Deuteranomaly

64.3575, 65.8469, 62.7438

Tritanomaly

62.3311, 66.0082, 75.1013

Monochromacy



Original Color

59.8107, 66.1221, 62.4338

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.2293, 65.6000, 67.8275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8107, 66.1221, 62.4338 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(205, 216, 197) looks like.

```
.text, #text, p{  
    color:rgb(205, 216, 197)  
}
```

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(205, 216, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 216, 197) }
```

Border

The CSS property to change the border of an element to XYZ 59.8107, 66.1221, 62.4338 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(205, 216, 197) }
```


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

```
.border{ border-color:rgb(205, 216, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 216, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 216, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 216, 197);  
box-shadow:4px 4px 4px 4px rgb(205, 216,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8107, 66.1221, 62.4338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 216, 197) }
```

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

```
.background{ background-color: rgb(205,  
216, 197) }
```

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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