

Converting Colors

XYZ(60.1273, 66.8003, 64.5863)

Have a look what the booklet for
XYZ(60.1273, 66.8003, 64.5863)
contains.

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Color

**XYZ(59.8668, 66.4923,
64.3226)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD9C8
RGB	203, 217, 200
RGB Percent	80%, 85%, 78%
CMY	0.2039, 0.1490, 0.2157
CMYK	0.06, 0.00, 0.08, 0.15
HSL	109°, 18%, 82%
HSV	109°, 8%, 85%
XYZ	59.8668, 66.4923, 64.3226
YIQ	210.8760, -2.8870, -8.2550

Conversions

Conversions Part 2

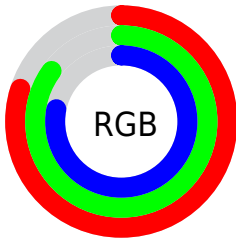
Format	Color
RYB	200, 217, 214
Decimal	13359560
CIELab	85.25, -7.81, 6.75
CIELCh	85, 10.321, 139.166
Yxy	66.4923, 0.3140, 0.3487
Android (android.graphics.Color)	4291549640 (0xFFCBD9C8)
YUV	210.8760, -5.3619, -6.9073
Hunter-Lab	81.5428, -11.6494, 10.3108

Details

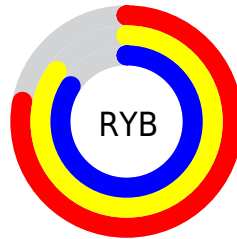
The XYZ color **59.8668, 66.4923, 64.3226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9127, 60.6163, 74.1386**, and the grayscale version is **61.8722, 65.0944, 70.8878**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5031, 34.3055, 32.2081** is the 20% darker color. If you saturate the color by 10%, you get **52.9191, 63.1851, 51.6850**, and if you desaturate by 10%, it is **67.7393, 70.2385, 78.8853**.

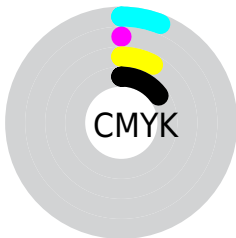
Distribution



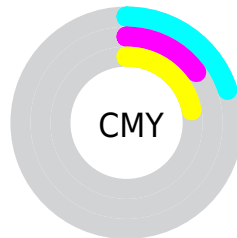
- Red (80%)
- Green (85%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8668, 66.4923, 64.3226 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 59.8668, 66.4923, 64.3226 by changing the saturation by 10% instead.

■ 59.8668, 66.4923,
64.3226

■ 59.8668, 66.4923,
64.3226

413.9492,
448.1355, 458.5931

■ 43.5603, 48.6721,
46.4642

103.7439,
114.1926, 112.6793

■ 30.5214, 34.3595,
32.2609

132.0452,
144.8416, 144.0147

■ 20.3847, 23.1699,
21.2944

165.0755,
180.5356, 180.6795

■ 12.7849, 14.7190,
13.1460

203.2001,
221.6591, 223.0922

■ 7.3566, 8.6224,
7.3973

246.7845,
268.5964, 271.6713

■ 3.7344, 4.4957,
3.6296

296.1938,

■ 1.5530, 1.9546,

321.7320, 326.8355

1.4244

351.7937,
381.4502, 389.0033

■ 0.3615, 0.5809,
0.1607

■ 0.0000, 0.0000,
0.0000

■ 59.8668, 66.4923,
64.3226

■ 59.8668, 66.4923,
64.3226

■ 52.9191, 63.1851,
51.6850

■ 67.7393, 70.2385,
78.8853

■ 46.8567, 60.2925,
40.8879

■ 76.5634, 74.4301,
95.4443

■ 41.6451, 57.8006,
31.8466

■ 84.1041, 78.1082,
105.2514

■ 37.2458, 55.6914,
24.4683

■ 33.6169, 53.9456,
18.6516

■ 30.7129, 52.5422,
14.2840

■ 28.4831, 51.4578,
11.2381

■ 26.8701, 50.6661,
9.3641

■ 25.8010, 50.1340,
8.4519

Harmonies

Analogous

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



61.7383, 66.4923, 60.9340



59.8668, 66.4923, 64.3226



58.8965, 66.4923, 70.0117

Triad

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



59.8668, 66.4923, 64.3226



62.3598, 66.4923, 85.7578



67.5296, 66.4923, 68.2643

Complementary

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



59.8668, 66.4923, 64.3226



60.9127, 60.6163, 74.1386

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.



67.7059, 66.4923, 74.8395



59.8668, 66.4923, 64.3226



64.6824, 66.4923, 85.2184

Square

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



59.8668, 66.4923, 64.3226



60.3122, 66.4923, 82.5557



66.6525, 66.4923, 81.1242



66.1764, 66.4923, 63.1111

Rectangle

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



59.8668, 66.4923, 64.3226



58.8749, 66.4923, 74.4636



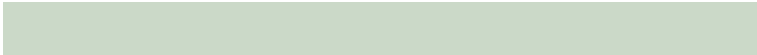
66.6525, 66.4923, 81.1242



67.7297, 66.4923, 70.3725

Sweetspot

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



59.8686, 66.4952, 64.3241



92.7112, 98.8879, 104.5612



63.0604, 66.9590, 64.2453



19.8685, 21.1777, 22.4258



0.0000, 0.0000, 0.0000



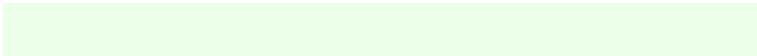
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8686, 66.4952, 64.3241



84.9575, 95.1988, 90.2786



59.7001, 66.3343, 67.6595



13.0997, 14.7161, 13.8756



15.5732, 30.3258, 5.0327



1.0745, 1.9984, 0.3291

Inverse Universe

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



60.9127, 60.6163, 74.1386



86.6867, 85.4615, 106.5346



61.1072, 60.7961, 70.5508



13.3773, 13.1526, 16.4858



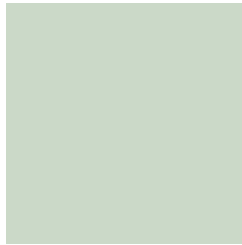
18.8761, 8.8552, 40.4527



1.2832, 0.6048, 2.6235

Previews

White Background



This preview shows how the XYZ color 59.8668, 66.4923, 64.3226 looks on a white background.

Color Contrast Check

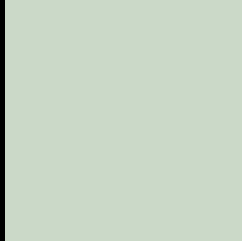
Large Text (above 18pt) WCAG AA × Fail

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 59.8668, 66.4923, 64.3226 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

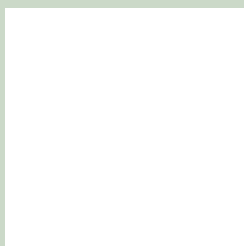
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8668, 66.4923, 64.3226

Background



This preview shows how black text looks on a background with the XYZ color 59.8668, 66.4923, 64.3226.



This preview shows how white text looks on a background with the XYZ color 59.8668, 66.4923,

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



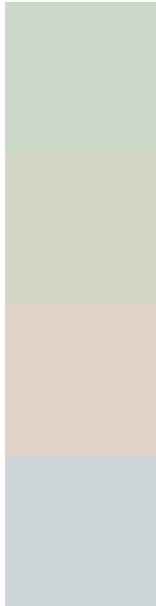
Original Color
59.8668, 66.4923, 64.3226
Protanopia
63.1367, 66.3338, 62.2994
Deuteranopia
67.6570, 66.4114, 65.1299



Tritanopia

63.9495, 66.6555, 83.6240

Trichromacy



Original Color

59.8668, 66.4923, 64.3226

Protanomaly

61.9712, 66.4665, 62.9892

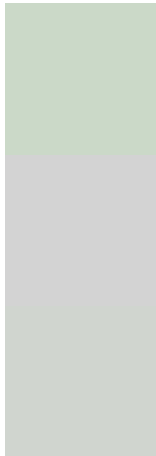
Deuteranomaly

64.6405, 66.3178, 64.6520

Tritanomaly

62.1551, 66.2769, 75.8465

Monochromacy



Original Color

59.8668, 66.4923, 64.3226

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0692, 65.5034, 68.4562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8668, 66.4923, 64.3226 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(203, 217, 200) looks like.

```
.text, #text, p{  
    color:rgb(203, 217, 200)  
}
```

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(203, 217, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 217, 200) }
```

Border

The CSS property to change the border of an element to XYZ 59.8668, 66.4923, 64.3226 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(203, 217, 200) }
```


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

```
.border{ border-color:rgb(203, 217, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 217, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 217, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 217, 200);  
box-shadow:4px 4px 4px 4px rgb(203, 217,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8668, 66.4923, 64.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 217, 200) }
```

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

```
.background{ background-color: rgb(203,  
217, 200) }
```

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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