

Converting Colors

XYZ(59.3758, 64.7267, 64.1943)

Have a look what the booklet for
XYZ(59.3758, 64.7267, 64.1943)
contains.

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Color

**XYZ(59.3964, 64.7378,
64.0087)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD5C8
RGB	205, 213, 200
RGB Percent	80%, 84%, 78%
CMY	0.1961, 0.1647, 0.2157
CMYK	0.04, 0.00, 0.06, 0.16
HSL	97°, 13%, 81%
HSV	97°, 6%, 84%
XYZ	59.3964, 64.7378, 64.0087
YIQ	209.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

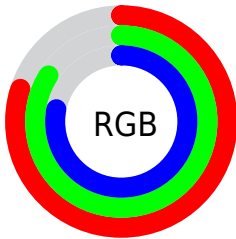
Format	Color
R_{YB}	200, 213, 208
Decimal	13489608
CIE Lab	84.35, -5.06, 5.47
CIE LCh	84, 7.455, 132.764
Yxy	64.7378, 0.3157, 0.3441
Android (android.graphics.Color)	4291679688 (0xFFCDD5C8)
YUV	209.1260, -4.4991, -3.6185
Hunter-Lab	80.4598, -9.0338, 9.1545

Details

The XYZ color **59.3964, 64.7378, 64.0087** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6795, 59.5244, 71.3508**, and the grayscale version is **60.7168, 63.8788, 69.5640**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1777, 33.1084, 31.9941** is the 20% darker color. If you saturate the color by 10%, you get **53.6124, 62.0258, 51.6360**, and if you desaturate by 10%, it is **65.8340, 67.7504, 78.2251**.

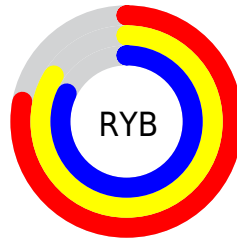
Distribution



Red (80%)

Green (84%)

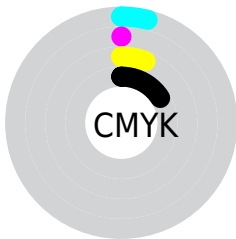
Blue (78%)



Red (78%)

Yellow (84%)

Blue (82%)

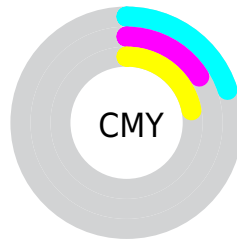


Cyan (4%)

Magenta (0%)

Yellow (6%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3964, 64.7378, 64.0087 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 59.3964, 64.7378, 64.0087 by changing the saturation by 10% instead.

■ 59.3964, 64.7378,
64.0087

■ 59.3964, 64.7378,
64.0087

412.2398,
441.8491, 457.4294

■ 43.1799, 47.2485,
46.2115

103.0649,
111.6728, 112.2231

■ 30.2214, 33.2321,
32.0629

131.2476,
141.8873, 143.4773

■ 20.1556, 22.3043,
21.1443

164.1498,
177.1123, 180.0543

■ 12.6171, 14.0807,
13.0373

202.1368,
217.7323, 222.3725

■ 7.2406, 8.1768,
7.3232

245.5739,
264.1315, 270.8506

■ 3.6607, 4.2083,
3.5835

294.8265,

■ 1.5120, 1.7908,

316.6945, 325.9071

1.3998

350.2601,
375.8056, 387.9605

■ 0.3340, 0.4814,
0.1415

■ 0.0000, 0.0000,
0.0000

■ 59.3964, 64.7378,
64.0087

■ 59.3964, 64.7378,
64.0087

■ 53.6124, 62.0258,
51.6360

■ 65.8340, 67.7504,
78.2251

■ 48.4550, 59.5965,
41.0273

■ 72.9403, 71.0643,
94.3521

■ 43.9030, 57.4427,
32.1035

■ 79.2699, 74.1040,
104.7333

■ 39.9319, 55.5536,
24.7775

■ 83.0855, 76.0711,
104.9118

■ 36.5156, 53.9177,
18.9548

■ 33.6254, 52.5227,
14.5305

■ 31.2297, 51.3548,
11.3867

■ 29.2928, 50.3985,
9.3855

■ 27.7716, 49.6356,
8.3552

Harmonies

Analogous

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



60.8311, 64.7378, 61.9705



59.3964, 64.7378, 64.0087



58.5425, 64.7378, 67.8230

Triad

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



59.3964, 64.7378, 64.0087



60.5935, 64.7378, 79.5536



64.6866, 64.7378, 68.4945

Complementary

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



59.3964, 64.7378, 64.0087



58.6795, 59.5244, 71.3508

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.



64.6202, 64.7378, 73.2228



59.3964, 64.7378, 64.0087



62.2369, 64.7378, 79.7533

Square

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



59.3964, 64.7378, 64.0087



59.2251, 64.7378, 76.8576



63.7168, 64.7378, 77.3914



63.8967, 64.7378, 64.4813

Rectangle

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



59.3964, 64.7378, 64.0087



58.4080, 64.7378, 70.9288



63.7168, 64.7378, 77.3914



64.7641, 64.7378, 70.0500

Sweetspot

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



59.3982, 64.7406, 64.0101



93.0941, 99.0853, 104.5791



60.3756, 63.3332, 63.6869



19.9465, 21.2179, 22.4295



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.



59.3982, 64.7406, 64.0101



88.3807, 96.8786, 94.2770



58.1936, 64.1019, 64.7505



12.9577, 14.2428, 13.7536



16.7603, 30.2166, 4.9490



1.1019, 1.8694, 0.3028

Inverse Universe

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



58.6795, 59.5244, 71.3508



87.1377, 87.8568, 106.9732



59.9432, 60.1948, 70.5517



12.7631, 12.8303, 15.7413



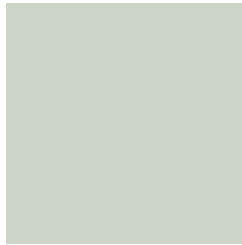
13.1812, 5.9477, 38.9064



0.8862, 0.4057, 2.3509

Previews

White Background



This preview shows how the XYZ color 59.3964, 64.7378, 64.0087 looks on a white background.

Color Contrast Check

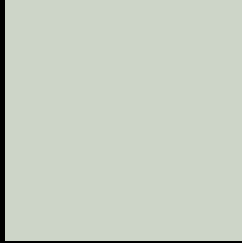
Large Text (above 18pt) WCAG AA × Fail

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 59.3964, 64.7378, 64.0087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

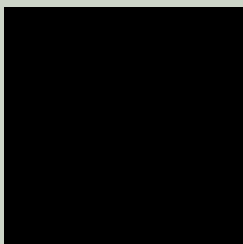
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

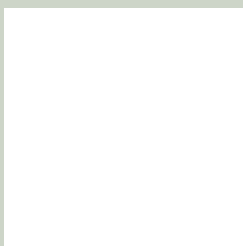
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3964, 64.7378, 64.0087

Background



This preview shows how black text looks on a background with the XYZ color 59.3964, 64.7378, 64.0087.



This preview shows how white text looks on a background with the XYZ color 59.3964, 64.7378,

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

59.3964, 64.7378, 64.0087

Protanopia

61.6088, 64.4299, 62.6152

Deuteranopia

65.9483, 64.4686, 64.8449



Tritanopia

62.8224, 64.6472, 81.1186

Trichromacy



Original Color

59.3964, 64.7378, 64.0087

Protanomaly

60.7960, 64.3628, 63.2518

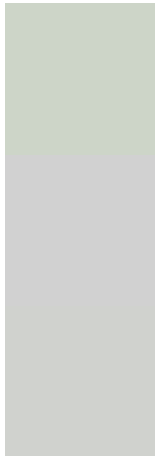
Deuteranomaly

63.2869, 64.5307, 64.3784

Tritanomaly

61.5834, 64.5128, 74.8521

Monochromacy



Original Color

59.3964, 64.7378, 64.0087

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1996, 63.9593, 67.5650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3964, 64.7378, 64.0087 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, 213, 200) looks like.

```
.text, #text, p{  
    color:rgb(205, 213, 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(205, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 213, 200) }
```

Border

The CSS property to change the border of an element to XYZ 59.3964, 64.7378, 64.0087 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, 213, 200) }
```


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

```
.border{ border-color:rgb(205, 213, 200) }
```

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

Here you see how a box with a 4 pixel rgb(205, 213, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(205, 213,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3964, 64.7378, 64.0087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 213, 200) }
```

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

```
.background{ background-color: rgb(205,  
213, 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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