

Converting Colors

XYZ(59.3159, 64.0128, 62.0234)

Have a look what the booklet for
XYZ(59.3159, 64.0128, 62.0234)
contains.

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Color

**XYZ(59.3847, 64.0296,
62.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D3C5
RGB	208, 211, 197
RGB Percent	82%, 83%, 77%
CMY	0.1843, 0.1725, 0.2274
CMYK	0.01, 0.00, 0.07, 0.17
HSL	73°, 14%, 80%
HSV	73°, 7%, 83%
XYZ	59.3847, 64.0296, 62.0524
YIQ	208.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

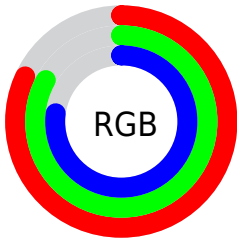
Format	Color
RYB	197, 211, 200
Decimal	13685701
CIELab	83.98, -3.51, 6.56
CIElCh	84, 7.442, 118.111
Yxy	64.0296, 0.3202, 0.3452
Android (android.graphics.Color)	4291875781 (0xFFD0D3C5)
YUV	208.5070, -5.6730, -0.4446
Hunter-Lab	80.0185, -7.5609, 10.0350

Details

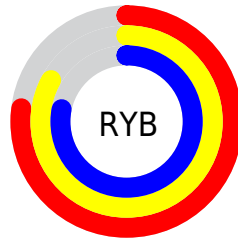
The XYZ color **59.3847, 64.0296, 62.0524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5460, 56.9168, 69.6898**, and the grayscale version is **60.3193, 63.4606, 69.1086**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **30.3413, 32.9671, 30.7507** is the 20% darker color. If you saturate the color by 10%, you get **55.8803, 62.4850, 50.1386**, and if you desaturate by 10%, it is **63.2675, 65.7339, 75.7531**.

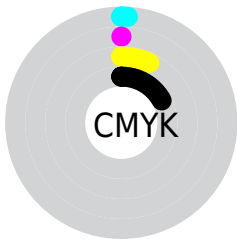
Distribution



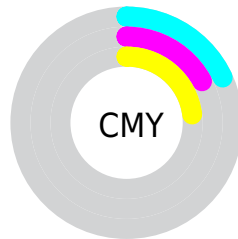
- Red (82%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3847, 64.0296, 62.0524 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 59.3847, 64.0296, 62.0524 by changing the saturation by 10% instead.

■ 59.3847, 64.0296,
62.0524

■ 59.3847, 64.0296,
62.0524

412.1972,
439.2965, 450.1351

■ 43.1704, 46.6746,
44.6390

103.0480,
110.6536, 109.3736

■ 30.2140, 32.7785,
30.8323

131.2278,
140.6914, 140.1184

■ 20.1499, 21.9568,
20.2138

164.1267,
175.7256, 176.1442

■ 12.6130, 13.8252,
12.3649

202.1103,
216.1406, 217.8693

■ 7.2377, 7.9992,
6.8672

245.5438,
262.3208, 265.7125

■ 3.6589, 4.0944,
3.3020

294.7925,

■ 1.5110, 1.7265,

314.6506, 320.0921

1.2508

350.2219,
373.5144, 381.4268

■ 0.3333, 0.4407,
0.0210

■ 0.0000, 0.0000,
0.0000

■ 59.3847, 64.0296,
62.0524

■ 59.3847, 64.0296,
62.0524

■ 55.8803, 62.4850,
50.1386

■ 63.2675, 65.7339,
75.7531

■ 52.7346, 61.0859,
39.9340

■ 67.5368, 67.5950,
91.3060

■ 49.9342, 59.8291,
31.3611

■ 71.3413, 69.2744,
104.2190

■ 47.4627, 58.7080,
24.3351

■ 72.7431, 69.9971,
104.2846

■ 45.3021, 57.7152,
18.7633

■ 74.1823, 70.7390,
104.3519

■ 43.4328, 56.8430,
14.5432

■ 75.6592, 71.5004,
104.4210

■ 41.8322, 56.0823,
11.5590

■ 77.1742, 72.2814,
104.4919

■ 40.4746, 55.4227,
9.6755

■ 78.7276, 73.0822,
104.5646

■ 39.3264, 54.8508,
8.7183

■ 80.3195, 73.9028,
104.6391

Harmonies

Analogous

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



60.9622, 64.0296, 61.0765



59.3847, 64.0296, 62.0524



58.2203, 64.0296, 65.0552

Triad

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



59.3847, 64.0296, 62.0524



59.2078, 64.0296, 77.6686



64.0641, 64.0296, 70.0154

Complementary

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



59.3847, 64.0296, 62.0524



55.5460, 56.9168, 69.6898

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.



63.5747, 64.0296, 74.5970



59.3847, 64.0296, 62.0524



60.7543, 64.0296, 79.1370

Square

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



59.3847, 64.0296, 62.0524



58.1194, 64.0296, 74.0590



62.3559, 64.0296, 77.9889



63.6817, 64.0296, 65.5488

Rectangle

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



59.3847, 64.0296, 62.0524



57.8248, 64.0296, 67.8736



62.3559, 64.0296, 77.9889



63.9959, 64.0296, 71.5942

Sweetspot

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



59.3865, 64.0324, 62.0538



93.8383, 99.4689, 104.6139



57.5522, 59.0980, 61.1980



20.0980, 21.2960, 22.4366



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.



59.3865, 64.0324, 62.0538



90.3459, 97.9345, 92.4361



57.5157, 63.0679, 61.9662



12.5449, 13.6643, 12.5883



23.6046, 33.0376, 5.1328



1.3832, 1.8799, 0.2900

Inverse Universe

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



55.5460, 56.9168, 69.6898



83.2325, 84.7544, 106.5802



57.4025, 57.8738, 69.7767



11.3974, 11.5382, 14.8700



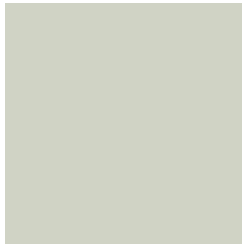
7.8270, 3.2153, 37.4006



0.5063, 0.2152, 2.0944

Previews

White Background



This preview shows how the XYZ color 59.3847, 64.0296, 62.0524 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 59.3847, 64.0296, 62.0524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

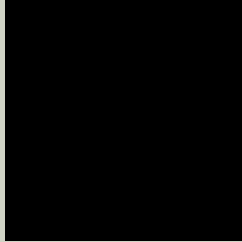
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

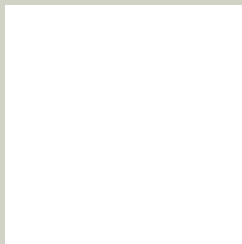
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3847, 64.0296, 62.0524

Background



This preview shows how black text looks on a background with the XYZ color 59.3847, 64.0296, 62.0524.



This preview shows how white text looks on a background with the XYZ color 59.3847, 64.0296,

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

59.3847, 64.0296, 62.0524

Protanopia

61.0832, 64.1854, 61.3941

Deuteranopia

65.0336, 63.6882, 62.8982



Tritanopia

62.7835, 63.9504, 78.8467

Trichromacy



Original Color

59.3847, 64.0296, 62.0524

Protanomaly

60.4510, 64.2248, 61.4351

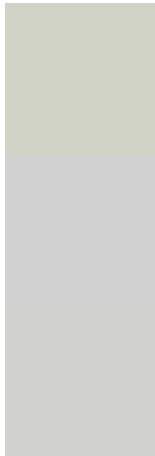
Deuteranomaly

62.7648, 63.5872, 62.3916

Tritanomaly

61.5574, 63.8157, 72.6916

Monochromacy



Original Color

59.3847, 64.0296, 62.0524

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3605, 64.0563, 66.9404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3847, 64.0296, 62.0524 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(208, 211, 197) looks like.

```
.text, #text, p{  
    color:rgb(208, 211, 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(208, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 211, 197) }
```

Border

The CSS property to change the border of an element to XYZ 59.3847, 64.0296, 62.0524 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(208, 211, 197) }
```


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

```
.border{ border-color:rgb(208, 211, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 211, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(208, 211,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3847, 64.0296, 62.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 211, 197) }
```

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

```
.background{ background-color: rgb(208,  
211, 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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