

Converting Colors

XYZ(58.9066, 64.4856, 60.4315)

Have a look what the booklet for
XYZ(58.9066, 64.4856, 60.4315)
contains.

XYZ(58.9855, 64.6054, 60.4002)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.9855, 64.6054,
60.4002)**

Conversions

Conversions Part 1

Format	Color
Hex	CED5C2
RGB	206, 213, 194
RGB Percent	81%, 84%, 76%
CMY	0.1922, 0.1647, 0.2392
CMYK	0.03, 0.00, 0.09, 0.16
HSL	82°, 18%, 80%
HSV	82°, 9%, 84%
XYZ	58.9855, 64.6054, 60.4002
YIQ	208.7410, 1.9270, -7.3930

Conversions

Conversions Part 2

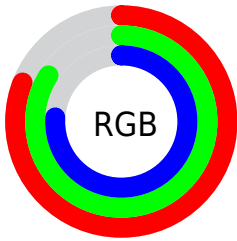
Format	Color
RYB	194, 213, 201
Decimal	13555138
CIELab	84.28, -5.75, 8.56
CIELCh	84, 10.318, 123.898
Yxy	64.6054, 0.3206, 0.3511
Android (android.graphics.Color)	4291745218 (0xFFCED5C2)
YUV	208.7410, -7.2673, -2.4039
Hunter-Lab	80.3775, -9.6673, 11.7104

Details

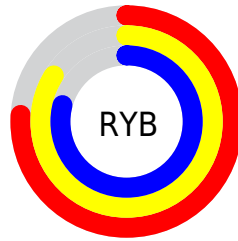
The XYZ color **58.9855, 64.6054, 60.4002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3920, 55.8070, 70.8066**, and the grayscale version is **60.4821, 63.6319, 69.2951**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **29.9094, 33.0226, 29.6085** is the 20% darker color. If you saturate the color by 10%, you get **54.6379, 62.6229, 48.5914**, and if you desaturate by 10%, it is **63.7885, 66.7868, 74.0229**.

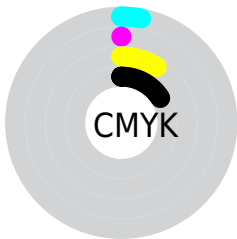
Distribution



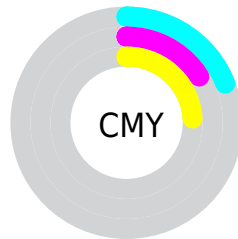
- Red (81%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9855, 64.6054, 60.4002 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 58.9855, 64.6054, 60.4002 by changing the saturation by 10% instead.

■ 58.9855, 64.6054,
60.4002

■ 58.9855, 64.6054,
60.4002

410.7431,
441.3726, 443.9169

■ 42.8478, 47.1412,
43.3139

■ 102.4713,
111.4824, 106.9590

■ 29.9597, 33.1473,
29.7982

130.5502,
141.6639, 137.2686

■ 19.9559, 22.2393,
19.4347

163.3401,
176.8533, 172.8231

■ 12.4711, 14.0328,
11.8049

201.2064,
217.4350, 214.0409

■ 7.1398, 8.1435,
6.4900

244.5145,
263.7934, 261.3407

■ 3.5968, 4.1869,
3.0717

293.6297,

■ 1.4767, 1.7787,

316.3129, 315.1409

1.1314

348.9175,
375.3778, 375.8601

■ 0.3099, 0.4738,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9855, 64.6054,
60.4002

■ 58.9855, 64.6054,
60.4002

■ 54.6379, 62.6229,
48.5914

■ 63.7885, 66.7868,
74.0229

■ 50.7243, 60.8243,
38.5159

■ 69.0567, 69.1650,
89.5273

■ 47.2293, 59.2054,
30.0929

■ 74.3354, 71.5602,
104.5023

■ 44.1344, 57.7585,
23.2339

■ 76.9055, 72.8852,
104.6226

■ 41.4195, 56.4755,
17.8419

■ 79.5905, 74.2693,
104.7483

■ 39.0626, 55.3473,
13.8093

■ 82.3917, 75.7134,
104.8794

■ 37.0385, 54.3636,
11.0134

■ 83.0856, 76.0711,
104.9119

■ 35.3180, 53.5126,
9.3099

■ 33.8555, 52.7758,
8.4683

Harmonies

Analogous

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



61.1071, 64.6054, 58.5128



58.9855, 64.6054, 60.4002



57.5406, 64.6054, 64.9475

Triad

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



58.9855, 64.6054, 60.4002



59.4910, 64.6054, 82.2707



65.8981, 64.6054, 69.4917

Complementary

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



58.9855, 64.6054, 60.4002



55.3920, 55.8070, 70.8066

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.



65.4397, 64.6054, 76.0320



58.9855, 64.6054, 60.4002



61.7049, 64.6054, 83.6720

Square

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



58.9855, 64.6054, 60.4002



57.8273, 64.6054, 77.6044



63.8908, 64.6054, 81.3240



65.1283, 64.6054, 63.5517

Rectangle

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



58.9855, 64.6054, 60.4002



57.1360, 64.6054, 69.0140



63.8908, 64.6054, 81.3240



65.8826, 64.6054, 71.6916

Sweetspot

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



58.9873, 64.6082, 60.4016



92.8129, 98.9862, 102.4936



58.0594, 59.8012, 59.5226



19.7401, 21.1301, 21.5807



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.



58.9873, 64.6082, 60.4016



87.1565, 96.4150, 86.6532



56.4378, 63.2939, 60.2823



13.0085, 14.2806, 13.2315



20.7045, 32.2499, 5.1336



1.3386, 1.9914, 0.3138

Inverse Universe

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



55.3920, 55.8070, 70.8066



80.5268, 80.1850, 105.8408



58.0158, 57.1596, 70.9294



12.1706, 12.2293, 15.6566



9.3843, 3.9903, 38.7288



0.6558, 0.2870, 2.3401

Previews

White Background



This preview shows how the XYZ color 58.9855, 64.6054, 60.4002 looks on a white background.

Color Contrast Check

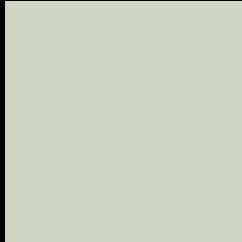
Large Text (above 18pt) WCAG AA × Fail

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 58.9855, 64.6054, 60.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

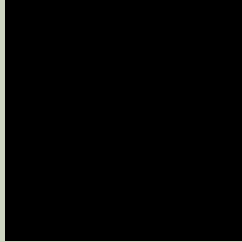
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

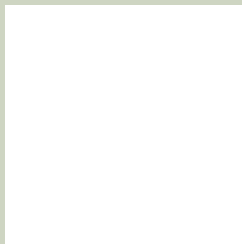
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9855, 64.6054, 60.4002

Background



This preview shows how black text looks on a background with the XYZ color 58.9855, 64.6054, 60.4002.



This preview shows how white text looks on a background with the XYZ color 58.9855, 64.6054,

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

58.9855, 64.6054, 60.4002

Protanopia

61.2283, 64.3121, 59.0556

Deuteranopia

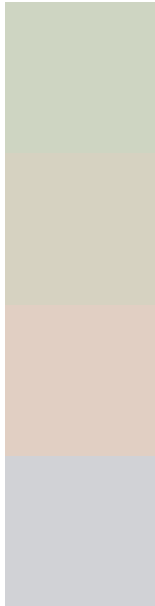
65.9118, 64.5303, 61.2062



Tritanopia

63.0105, 64.3969, 80.3430

Trichromacy



Original Color

58.9855, 64.6054, 60.4002

Protanomaly

60.4038, 64.2396, 59.6679

Deuteranomaly

63.2145, 64.5733, 60.7619

Tritanomaly

61.4787, 64.5035, 72.8285

Monochromacy



Original Color

58.9855, 64.6054, 60.4002

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.9581, 63.8627, 66.2933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9855, 64.6054, 60.4002 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(206, 213, 194) looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 194)  
}
```

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(206, 213, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 194) }
```

Border

The CSS property to change the border of an element to XYZ 58.9855, 64.6054, 60.4002 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(206, 213, 194) }
```


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

```
.border{ border-color:rgb(206, 213, 194) }
```

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

Here you see how a box with a 4 pixel rgb(206, 213, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 213, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 213, 194);  
box-shadow:4px 4px 4px 4px rgb(206, 213,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9855, 64.6054, 60.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 213, 194) }
```

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

```
.background{ background-color: rgb(206,  
213, 194) }
```

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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