

Converting Colors

XYZ(59.1626, 64.8322, 60.7981)

Have a look what the booklet for
XYZ(59.1626, 64.8322, 60.7981)
contains.

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Color

**XYZ(59.0982, 64.6504,
60.9937)**

Conversions

Conversions Part 1

Format	Color
Hex	CED5C3
RGB	206, 213, 195
RGB Percent	81%, 84%, 76%
CMY	0.1922, 0.1647, 0.2353
CMYK	0.03, 0.00, 0.08, 0.16
HSL	83°, 18%, 80%
HSV	83°, 8%, 84%
XYZ	59.0982, 64.6504, 60.9937
YIQ	208.8550, 1.6060, -7.0820

Conversions

Conversions Part 2

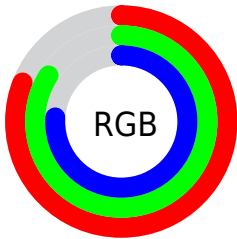
Format	Color
RYB	195, 213, 202
Decimal	13555139
CIELab	84.30, -5.58, 8.07
CIELCh	84, 9.812, 124.685
Yxy	64.6504, 0.3199, 0.3499
Android (android.graphics.Color)	4291745219 (0xFFCED5C3)
YUV	208.8550, -6.8305, -2.5038
Hunter-Lab	80.4055, -9.5117, 11.3078

Details

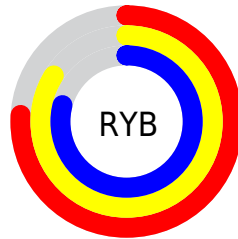
The XYZ color **59.0982, 64.6504, 60.9937** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8848, 56.3925, 70.8935**, and the grayscale version is **60.5537, 63.7072, 69.3772**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.9835, 33.0522, 29.9987** is the 20% darker color. If you saturate the color by 10%, you get **54.6200, 62.6024, 49.0965**, and if you desaturate by 10%, it is **64.0448, 66.9039, 74.7089**.

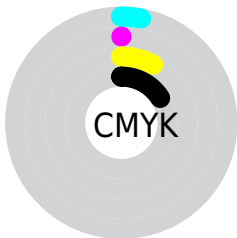
Distribution



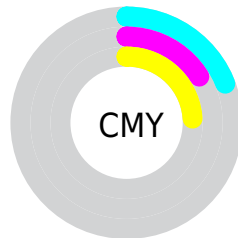
- Red (81%)
- Green (84%)
- Blue (76%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0982, 64.6504, 60.9937 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 59.0982, 64.6504, 60.9937 by changing the saturation by 10% instead.

■ 59.0982, 64.6504,
60.9937

■ 59.0982, 64.6504,
60.9937

411.1539,
441.5346, 446.1568

■ 42.9388, 47.1777,
43.7896

102.6342,
111.5471, 107.8273

■ 30.0315, 33.1761,
30.1691

130.7415,
141.7398, 138.2938

■ 20.0107, 22.2614,
19.7139

163.5623,
176.9414, 174.0181

■ 12.5111, 14.0491,
12.0052

201.4617,
217.5361, 215.4189

■ 7.1674, 8.1548,
6.6246

244.8052,
263.9083, 262.9146

■ 3.6143, 4.1942,
3.1536

293.9582,

■ 1.4863, 1.7828,

316.4426, 316.9238

1.1736

349.2860,
375.5232, 377.8650

■ 0.3165, 0.4764,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0982, 64.6504,
60.9937

■ 59.0982, 64.6504,
60.9937

■ 54.6200, 62.6024,
49.0965

■ 64.0448, 66.9039,
74.7089

■ 50.5887, 60.7449,
38.9367

■ 69.4700, 69.3611,
90.3097

■ 46.9886, 59.0734,
30.4341

■ 74.7553, 71.7766,
104.5220

■ 43.8009, 57.5803,
23.5003

■ 77.4915, 73.1872,
104.6500

■ 41.0055, 56.2572,
18.0388

■ 80.3560, 74.6639,
104.7841

■ 38.5799, 55.0949,
13.9425

■ 83.0855, 76.0710,
104.9118

■ 36.4990, 54.0831,
11.0896

■ 34.7333, 53.2099,
9.3370

■ 33.2397, 52.4576,
8.4681

Harmonies

Analogous

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



61.1072, 64.6504, 59.1146



59.0982, 64.6504, 60.9937



57.7436, 64.6504, 65.3935

Triad

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



59.0982, 64.6504, 60.9937



59.6767, 64.6504, 81.7889



65.7128, 64.6504, 69.4192

Complementary

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



59.0982, 64.6504, 60.9937



55.8848, 56.3925, 70.8935

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.



65.3081, 64.6504, 75.6417



59.0982, 64.6504, 60.9937



61.7906, 64.6504, 83.0224

Square

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



59.0982, 64.6504, 60.9937



58.0720, 64.6504, 77.4339



63.8598, 64.6504, 80.7121



64.9529, 64.6504, 63.7930

Rectangle

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



59.0982, 64.6504, 60.9937



57.3762, 64.6504, 69.2893



63.8598, 64.6504, 80.7121



65.7086, 64.6504, 71.5090

Sweetspot

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



59.1000, 64.6532, 60.9951



92.7562, 98.9570, 102.4910



58.3903, 60.2826, 60.1889



19.7248, 21.1222, 21.5800



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.



59.1000, 64.6532, 60.9951



87.6569, 96.6320, 88.5271



56.6987, 63.4153, 60.8827



12.9834, 14.2676, 13.2303



20.2885, 32.0354, 5.1141



1.3152, 1.9794, 0.3127

Inverse Universe

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



55.8848, 56.3925, 70.8935



81.9464, 81.9596, 106.1085



58.3630, 57.6701, 71.0095



12.1949, 12.2419, 15.6577



9.6145, 4.1090, 38.7395



0.6712, 0.2949, 2.3409

Previews

White Background



This preview shows how the XYZ color 59.0982, 64.6504, 60.9937 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 59.0982, 64.6504, 60.9937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

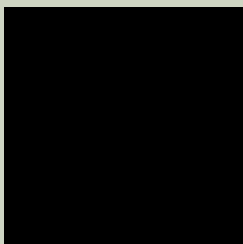
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

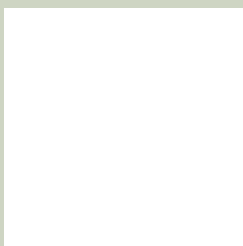
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0982, 64.6504, 60.9937

Background



This preview shows how black text looks on a background with the XYZ color 59.0982, 64.6504, 60.9937.



This preview shows how white text looks on a background with the XYZ color 59.0982, 64.6504,

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

59.0982, 64.6504, 60.9937

Protanopia

61.3395, 64.3566, 59.6412

Deuteranopia

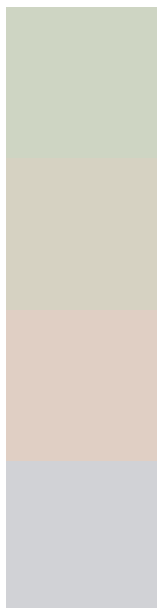
65.6949, 64.4053, 61.7923



Tritanopia

63.2550, 64.8861, 80.4245

Trichromacy



Original Color

59.0982, 64.6504, 60.9937

Protanomaly

60.5158, 64.2844, 60.2575

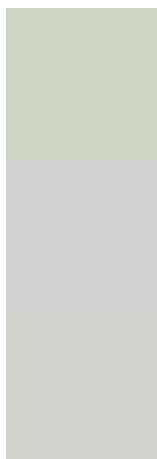
Deuteranomaly

63.0171, 64.4585, 61.3449

Tritanomaly

61.4787, 64.5035, 72.8285

Monochromacy



Original Color

59.0982, 64.6504, 60.9937

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 59.0982, 64.6504, 60.9937 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, 195) looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 195) }
```

Border

The CSS property to change the border of an element to XYZ 59.0982, 64.6504, 60.9937 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, 195) }
```


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

```
.border{ border-color:rgb(206, 213, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(206, 213,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0982, 64.6504, 60.9937 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, 195) }
```

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

```
.background{ background-color: rgb(206,  
213, 195) }
```

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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