

Converting Colors

XYZ(58.7649, 63.9243, 63.2444)

Have a look what the booklet for
XYZ(58.7649, 63.9243, 63.2444)
contains.

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Color

**XYZ(58.7541, 64.0479,
63.2986)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD4C7
RGB	204, 212, 199
RGB Percent	80%, 83%, 78%
CMY	0.2000, 0.1686, 0.2196
CMYK	0.04, 0.00, 0.06, 0.17
HSL	97°, 13%, 81%
HSV	97°, 6%, 83%
XYZ	58.7541, 64.0479, 63.2986
YIQ	208.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

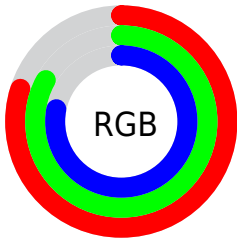
Format	Color
RYB	199, 212, 207
Decimal	13423815
CIELab	83.99, -5.07, 5.48
CIElCh	84, 7.461, 132.763
Yxy	64.0479, 0.3157, 0.3442
Android (android.graphics.Color)	4291613895 (0xFFCCD4C7)
YUV	208.1260, -4.4991, -3.6185
Hunter-Lab	80.0299, -9.0063, 9.1263

Details

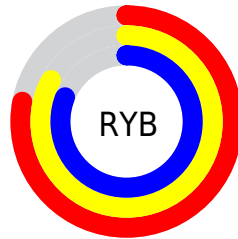
The XYZ color **58.7541, 64.0479, 63.2986** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0418, 58.8675, 70.5942**, and the grayscale version is **60.0660, 63.1941, 68.8184**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7455, 32.6423, 31.5209** is the 20% darker color. If you saturate the color by 10%, you get **53.0343, 61.3660, 51.0644**, and if you desaturate by 10%, it is **65.1201, 67.0270, 77.3558**.

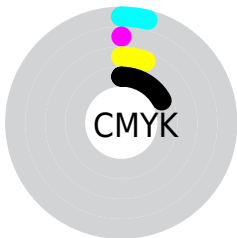
Distribution



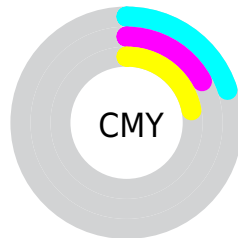
- Red (80%)
- Green (83%)
- Blue (78%)



- Red (78%)
- Yellow (83%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7541, 64.0479, 63.2986 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 58.7541, 64.0479, 63.2986 by changing the saturation by 10% instead.

■ 58.7541, 64.0479,
63.2986

■ 58.7541, 64.0479,
63.2986

409.8988,
439.3626, 454.7901

■ 42.6608, 46.6895,
45.6403

102.1369,
110.6799, 111.1899

■ 29.8124, 32.7902,
31.6154

130.1570,
140.7223, 142.2600

■ 19.8436, 21.9658,
20.8055

162.8836,
175.7614, 178.6377

■ 12.3890, 13.8318,
12.7921

200.6818,
216.1818, 220.7416

■ 7.0833, 8.0038,
7.1565

243.9171,
262.3676, 268.9903

■ 3.5610, 4.0974,
3.4802

292.9547,

■ 1.4569, 1.7282,

314.7035, 323.8022

1.3448

348.1602,
373.5737, 385.5960

■ 0.2962, 0.4418,
0.0981

■ 0.0000, 0.0000,
0.0000

■ 58.7541, 64.0479,
63.2986

■ 58.7541, 64.0479,
63.2986

■ 53.0343, 61.3660,
51.0644

■ 65.1201, 67.0270,
77.3558

■ 47.9341, 58.9636,
40.5745

■ 72.1474, 70.3041,
93.3022

■ 43.4325, 56.8336,
31.7504

■ 78.6086, 73.3909,
104.6305

■ 39.5054, 54.9654,
24.5064

■ 82.8348, 75.5696,
104.8283

■ 36.1268, 53.3476,
18.7487

■ 33.2685, 51.9679,
14.3739

■ 30.8991, 50.8129,
11.2650

■ 28.9834, 49.8671,
9.2861

■ 27.4788, 49.1124,
8.2667

Harmonies

Analogous

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



60.1798, 64.0479, 61.2738



58.7541, 64.0479, 63.2986



57.9056, 64.0479, 67.0884

Triad

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



58.7541, 64.0479, 63.2986



59.9435, 64.0479, 78.7477



64.0115, 64.0479, 67.7560

Complementary

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



58.7541, 64.0479, 63.2986



58.0418, 58.8675, 70.5942

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.



63.9454, 64.0479, 72.4550



58.7541, 64.0479, 63.2986



61.5767, 64.0479, 78.9462

Square

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



58.7541, 64.0479, 63.2986



58.5838, 64.0479, 76.0675



63.0476, 64.0479, 76.5984



63.2264, 64.0479, 63.7683

Rectangle

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



58.7541, 64.0479, 63.2986



57.7719, 64.0479, 70.1747



63.0476, 64.0479, 76.5984



64.0885, 64.0479, 69.3017

Sweetspot

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



58.7559, 64.0507, 63.3000



93.0941, 99.0853, 104.5791



59.7271, 62.6520, 62.9788



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.



58.7559, 64.0507, 63.3000



88.3807, 96.8786, 94.2770



57.5590, 63.4161, 64.0356



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.



58.0418, 58.8675, 70.5942



87.1377, 87.8568, 106.9732



59.2975, 59.5337, 69.8000



12.7631, 12.8304, 15.7413



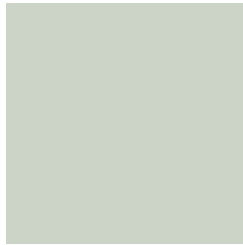
13.1813, 5.9477, 38.9064



0.8862, 0.4057, 2.3509

Previews

White Background



This preview shows how the XYZ color 58.7541, 64.0479, 63.2986 looks on a white background.

Color Contrast Check

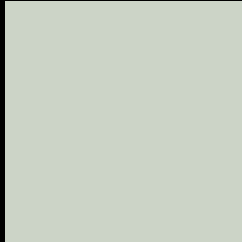
Large Text (above 18pt) WCAG AA × Fail

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 58.7541, 64.0479, 63.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

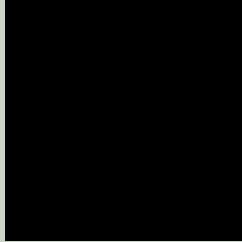
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

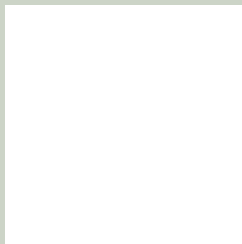
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7541, 64.0479, 63.2986

Background



This preview shows how black text looks on a background with the XYZ color 58.7541, 64.0479, 63.2986.



This preview shows how white text looks on a background with the XYZ color 58.7541, 64.0479,

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

58.7541, 64.0479, 63.2986

Protanopia

60.9528, 63.7419, 61.9142

Deuteranopia

65.2674, 63.7817, 64.1295



Tritanopia

62.1589, 63.9579, 80.3031

Trichromacy



Original Color

58.7541, 64.0479, 63.2986

Protanomaly

60.1449, 63.6752, 62.5466

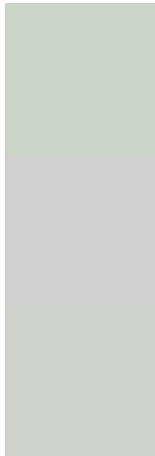
Deuteranomaly

62.6208, 63.8423, 63.6659

Tritanomaly

60.9273, 63.8242, 74.0738

Monochromacy



Original Color

58.7541, 64.0479, 63.2986

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.5520, 63.2741, 66.8320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7541, 64.0479, 63.2986 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(204, 212, 199) looks like.

```
.text, #text, p{  
    color:rgb(204, 212, 199)  
}
```

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(204, 212, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 212, 199) }
```

Border

The CSS property to change the border of an element to XYZ 58.7541, 64.0479, 63.2986 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(204, 212, 199) }
```


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

```
.border{ border-color:rgb(204, 212, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 212, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 212, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 212, 199);  
box-shadow:4px 4px 4px 4px rgb(204, 212,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7541, 64.0479, 63.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 212, 199) }
```

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

```
.background{ background-color: rgb(204,  
212, 199) }
```

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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