

Converting Colors

XYZ(57.5099, 64.4284, 60.1280)

Have a look what the booklet for
XYZ(57.5099, 64.4284, 60.1280)
contains.

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Color

**XYZ(57.4793, 64.5932,
59.8903)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D7C1
RGB	199, 215, 193
RGB Percent	78%, 84%, 76%
CMY	0.2196, 0.1568, 0.2431
CMYK	0.07, 0.00, 0.10, 0.16
HSL	104°, 22%, 80%
HSV	104°, 10%, 84%
XYZ	57.4793, 64.5932, 59.8903
YIQ	207.7080, -2.4740, -10.2340

Conversions

Conversions Part 2

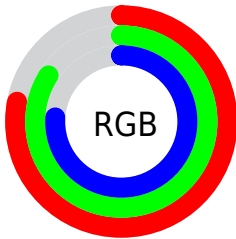
Format	Color
RYB	193, 215, 209
Decimal	13096897
CIELab	84.27, -9.39, 9.02
CIELCh	84, 13.018, 136.157
Yxy	64.5932, 0.3159, 0.3550
Android (android.graphics.Color)	4291286977 (0xFFC7D7C1)
YUV	207.7080, -7.2510, -7.6369
Hunter-Lab	80.3699, -12.9869, 12.0770

Details

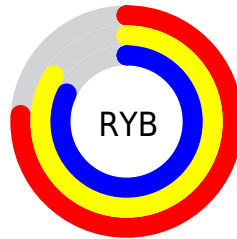
The XYZ color **57.4793, 64.5932, 59.8903** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6326, 56.6032, 72.1812**, and the grayscale version is **59.8132, 62.9282, 68.5288**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **28.9081, 33.0254, 29.2770** is the 20% darker color. If you saturate the color by 10%, you get **51.3153, 61.6747, 47.9788**, and if you desaturate by 10%, it is **64.4220, 67.8766, 73.6611**.

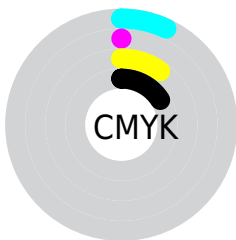
Distribution



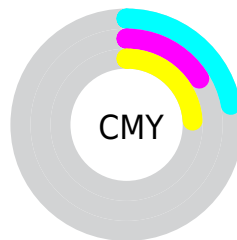
- Red (78%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4793, 64.5932, 59.8903 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 57.4793, 64.5932, 59.8903 by changing the saturation by 10% instead.

■ 57.4793, 64.5932,
59.8903

■ 57.4793, 64.5932,
59.8903

405.2281,
441.3287, 441.9867

■ 41.6318, 47.1313,
42.9055

■ 100.2915,
111.4648, 106.2123

■ 29.0030, 33.1395,
29.4801

127.9870,
141.6433, 136.3866

■ 19.2273, 22.2333,
19.1956

160.3625,
176.8294, 171.7945

■ 11.9396, 14.0284,
11.6335

197.7834,
217.4076, 212.8546

■ 6.7745, 8.1404,
6.3751

240.6151,
263.7622, 259.9853

■ 3.3665, 4.1849,
3.0020

289.2228,

■ 1.3504, 1.7775,

316.2777, 313.6051

1.0957

343.9721,
375.3384, 374.1328

■ 0.2205, 0.4731,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4793, 64.5932,
59.8903

■ 57.4793, 64.5932,
59.8903

■ 51.3153, 61.6747,
47.9788

■ 64.4220, 67.8766,
73.6611

■ 45.8969, 59.1002,
37.8429

■ 72.1644, 71.5284,
89.3617

■ 41.1964, 56.8590,
29.3987

■ 80.3277, 75.4007,
104.9278

■ 37.1822, 54.9369,
22.5540

■ 83.5917, 77.0833,
105.0806

■ 33.8203, 53.3186,
17.2077

■ 31.0734, 51.9874,
13.2471

■ 28.9002, 50.9246,
10.5438

■ 27.2534, 50.1094,
8.9450

■ 26.0833, 49.5218,
8.1839

Harmonies

Analogous

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



59.8632, 64.5932, 56.1485



57.4793, 64.5932, 59.8903



56.1637, 64.5932, 66.5978

Triad

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



57.4793, 64.5932, 59.8903



60.0762, 64.5932, 86.9117



66.8777, 64.5932, 66.0022

Complementary

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



57.4793, 64.5932, 59.8903



57.6326, 56.6032, 72.1812

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.



66.9391, 64.5932, 74.2012



57.4793, 64.5932, 59.8903



62.9505, 64.5932, 86.7207

Square

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



57.4793, 64.5932, 59.8903



57.6310, 64.5932, 82.4227



65.4823, 64.5932, 81.9197



65.3171, 64.5932, 59.4838

Rectangle

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



57.4793, 64.5932, 59.8903



56.0421, 64.5932, 72.0486



65.4823, 64.5932, 81.9197



67.0760, 64.5932, 68.6409

Sweetspot

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



57.4811, 64.5960, 59.8917



91.8251, 98.4770, 102.4474



60.3958, 63.7866, 59.5819



19.4738, 20.9928, 21.5682



0.0000, 0.0000, 0.0000



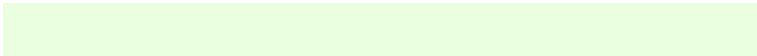
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.4811, 64.5960, 59.8917



82.7897, 94.2041, 84.6255



56.4608, 64.0076, 62.6654



12.5770, 14.0582, 13.2113



15.6880, 29.6638, 4.8988



1.0258, 1.8302, 0.2992

Inverse Universe

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



57.6326, 56.6032, 72.1812



83.0498, 80.4582, 105.7605



58.7585, 57.2534, 69.0821



12.6074, 12.4545, 15.6770



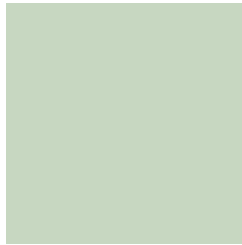
15.6865, 7.2392, 39.0237



1.0236, 0.4766, 2.3573

Previews

White Background



This preview shows how the XYZ color 57.4793, 64.5932, 59.8903 looks on a white background.

Color Contrast Check

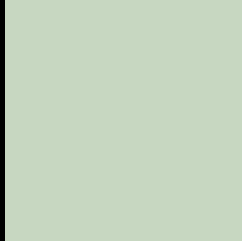
Large Text (above 18pt) WCAG AA × Fail

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 57.4793, 64.5932, 59.8903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

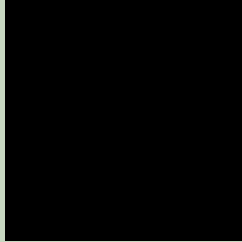
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

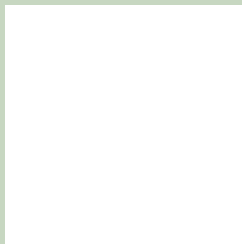
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4793, 64.5932, 59.8903

Background



This preview shows how black text looks on a background with the XYZ color 57.4793, 64.5932, 59.8903.



This preview shows how white text looks on a background with the XYZ color 57.4793, 64.5932,

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

57.4793, 64.5932, 59.8903

Protanopia

61.0082, 64.2241, 57.8962

Deuteranopia

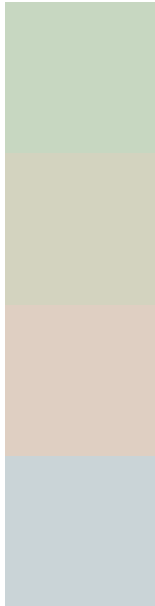
65.7983, 64.4849, 60.6086



Tritanopia

61.8136, 64.4766, 81.8604

Trichromacy



Original Color

57.4793, 64.5932, 59.8903

Protanomaly

59.5622, 64.1990, 58.5426

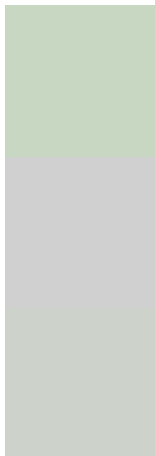
Deuteranomaly

62.4819, 64.2087, 60.1393

Tritanomaly

60.1663, 64.5498, 73.5782

Monochromacy



Original Color

57.4793, 64.5932, 59.8903

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2506, 63.8795, 65.7070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4793, 64.5932, 59.8903 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(199, 215, 193) looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 193)  
}
```

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(199, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 193) }
```

Border

The CSS property to change the border of an element to XYZ 57.4793, 64.5932, 59.8903 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(199, 215, 193) }
```


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

```
.border{ border-color:rgb(199, 215, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(199, 215,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4793, 64.5932, 59.8903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 193) }
```

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

```
.background{ background-color: rgb(199,  
215, 193) }
```

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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