

Converting Colors

XYZ(60.9388, 64.8019, 59.5828)

Have a look what the booklet for
XYZ(60.9388, 64.8019, 59.5828)
contains.

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Color

**XYZ(60.9442, 64.8859,
59.7642)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D3C1
RGB	215, 211, 193
RGB Percent	84%, 83%, 76%
CMY	0.1569, 0.1725, 0.2431
CMYK	0.00, 0.02, 0.10, 0.16
HSL	49°, 22%, 80%
HSV	49°, 10%, 84%
XYZ	60.9442, 64.8859, 59.7642
YIQ	210.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

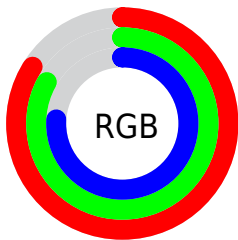
Format	Color
RYB	198, 215, 193
Decimal	14144449
CIELab	84.42, -1.71, 9.39
CIELCh	84, 9.547, 100.316
Yxy	64.8859, 0.3284, 0.3496
Android (android.graphics.Color)	4292334529 (0xFFD7D3C1)
YUV	210.1440, -8.4520, 4.2587
Hunter-Lab	80.5518, -5.9154, 12.3969

Details

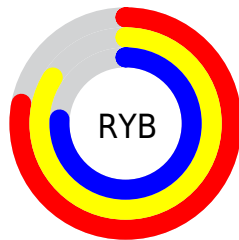
The XYZ color **60.9442, 64.8859, 59.7642** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2241, 56.1751, 72.2754**, and the grayscale version is **61.4046, 64.6025, 70.3521**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **31.2144, 33.4516, 29.2377** is the 20% darker color. If you saturate the color by 10%, you get **57.7604, 62.0811, 47.7178**, and if you desaturate by 10%, it is **64.5039, 67.8830, 73.6578**.

Distribution



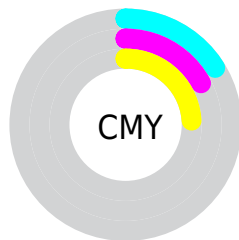
- Red (84%)
- Green (83%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9442, 64.8859, 59.7642 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 60.9442, 64.8859, 59.7642 by changing the saturation by 10% instead.

■ 60.9442, 64.8859,
59.7642

■ 60.9442, 64.8859,
59.7642

417.8486,
442.3818, 441.5086

■ 44.4325, 47.3686,
42.8045

■ 105.2967,
111.8858, 106.0276

■ 31.2100, 33.3271,
29.4015

133.8682,
142.1372, 136.1683

■ 20.9115, 22.3772,
19.1366

167.1904,
177.4020, 171.5399

■ 13.1714, 14.1343,
11.5912

205.6286,
218.0647, 212.5608

■ 7.6245, 8.2141,
6.3468

249.5482,
264.5096, 259.6496

■ 3.9054, 4.2323,
2.9849

299.3144,

■ 1.6487, 1.8043,

317.1212, 313.2248

1.0869

355.2928,
376.2838, 373.7049

■ 0.4239, 0.4899,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9442, 64.8859,
59.7642

■ 60.9442, 64.8859,
59.7642

■ 57.7604, 62.0811,
47.7178

■ 64.5039, 67.8830,
73.6578

■ 54.9320, 59.4538,
37.4353

■ 68.4483, 71.0698,
89.4684

■ 52.4445, 57.0001,
28.8335

■ 72.3873, 74.2926,
105.1324

■ 50.2804, 54.7126,
21.8208

■ 73.4409, 76.3998,
105.4836

48.4204, 52.5834,
16.2967

74.5187, 78.5554,
105.8429

46.8431, 50.6037,
12.1492

75.6208, 80.7597,
106.2103

45.5242, 48.7633,
9.2507

76.7475, 83.0131,
106.5858

44.4345, 47.0505,
7.4492

77.8988, 85.3158,
106.9696

43.5410, 45.4800,
6.4837

79.0750, 87.6682,
107.3617

Harmonies

Analogous

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



63.0568, 64.8859, 60.2071



60.9442, 64.8859, 59.7642



59.0693, 64.8859, 62.1080

Triad

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



60.9442, 64.8859, 59.7642



58.6126, 64.8859, 78.4842



65.5947, 64.8859, 74.6598

Complementary

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



60.9442, 64.8859, 59.7642



54.2241, 56.1751, 72.2754

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.



64.3502, 64.8859, 79.9407



60.9442, 64.8859, 59.7642



60.3078, 64.8859, 82.2349

Square

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



60.9442, 64.8859, 59.7642



57.7438, 64.8859, 72.7634



62.4058, 64.8859, 82.7827



65.7746, 64.8859, 68.5774

Rectangle

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



60.9442, 64.8859, 59.7642



58.1944, 64.8859, 65.0188



62.4058, 64.8859, 82.7827



65.2857, 64.8859, 76.5967

Sweetspot

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



60.9460, 64.8887, 59.7656



93.4010, 98.6338, 102.3946



57.1769, 56.6206, 60.7595



19.8992, 21.0345, 21.5538



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.



60.9460, 64.8887, 59.7656



88.7616, 94.6889, 84.4043



59.9485, 65.8664, 60.0069



13.2721, 14.1185, 13.1863



26.1140, 27.3453, 3.9018



1.6262, 1.7515, 0.2524

Inverse Universe

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



54.2241, 56.1751, 72.2754



77.1995, 79.7011, 105.9227



55.1470, 55.3219, 72.0621



11.9232, 12.3698, 15.6967



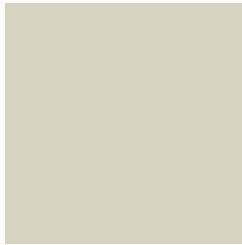
7.8271, 3.9160, 38.7965



0.5279, 0.3479, 2.3586

Previews

White Background



This preview shows how the XYZ color 60.9442, 64.8859, 59.7642 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 60.9442, 64.8859, 59.7642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

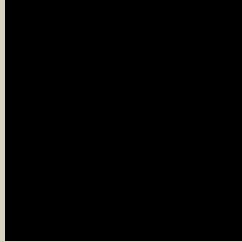
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

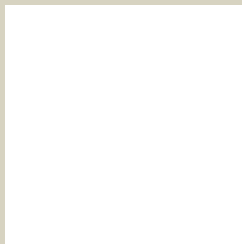
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9442, 64.8859, 59.7642

Background



This preview shows how black text looks on a background with the XYZ color 60.9442, 64.8859, 59.7642.



This preview shows how white text looks on a background with the XYZ color 60.9442, 64.8859,

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

60.9442, 64.8859, 59.7642

Protanopia

61.7744, 64.9590, 59.1517

Deuteranopia

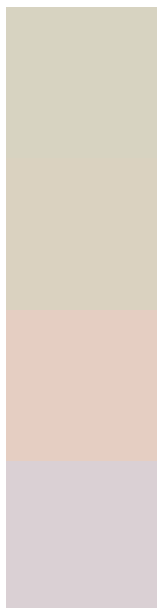
66.1313, 64.6565, 60.6242



Tritanopia

64.8455, 65.0134, 78.9432

Trichromacy



Original Color

60.9442, 64.8859, 59.7642

Protanomaly

61.4745, 64.8044, 59.1376

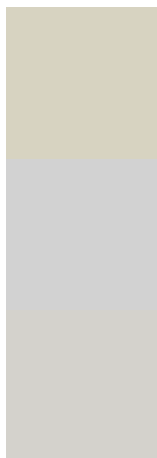
Deuteranomaly

64.1220, 64.6957, 60.1469

Tritanomaly

63.3530, 64.7706, 71.4503

Monochromacy



Original Color

60.9442, 64.8859, 59.7642

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.0971, 64.4499, 66.3466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9442, 64.8859, 59.7642 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(215, 211, 193) looks like.

```
.text, #text, p{  
    color:rgb(215, 211, 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(215, 211, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 211, 193) }
```

Border

The CSS property to change the border of an element to XYZ 60.9442, 64.8859, 59.7642 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(215, 211, 193) }
```


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

```
.border{ border-color:rgb(215, 211, 193) }
```

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

Here you see how a box with a 4 pixel rgb(215, 211, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 211, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 211, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 211,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9442, 64.8859, 59.7642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 211, 193) }
```

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

```
.background{ background-color: rgb(215,  
211, 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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