

Converting Colors

XYZ(59.9699, 63.5181, 62.4135)

Have a look what the booklet for
XYZ(59.9699, 63.5181, 62.4135)
contains.

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Color

**XYZ(60.1449, 63.6752,
62.5466)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D1C6
RGB	212, 209, 198
RGB Percent	83%, 82%, 78%
CMY	0.1686, 0.1804, 0.2235
CMYK	0.00, 0.01, 0.07, 0.17
HSL	47°, 14%, 80%
HSV	47°, 7%, 83%
XYZ	60.1449, 63.6752, 62.5466
YIQ	208.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

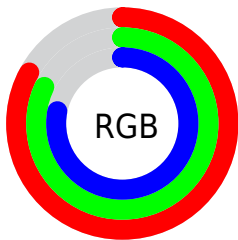
Format	Color
R _Y B	202, 212, 198
Decimal	13947334
CIE Lab	83.80, -0.89, 5.81
CIE LCh	84, 5.875, 98.751
Yxy	63.6752, 0.3227, 0.3417
Android (android.graphics.Color)	4292137414 (0xFFD4D1C6)
YUV	208.6430, -5.2470, 2.9441
Hunter-Lab	79.7967, -5.1042, 9.3848

Details

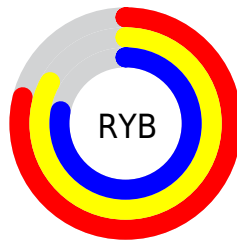
The XYZ color **60.1449, 63.6752, 62.5466** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0590, 58.5316, 70.6312**, and the grayscale version is **60.4039, 63.5496, 69.2056**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6600, 32.6244, 31.0667** is the 20% darker color. If you saturate the color by 10%, you get **56.7721, 60.5723, 50.1906**, and if you desaturate by 10%, it is **63.8953, 66.9840, 76.7186**.

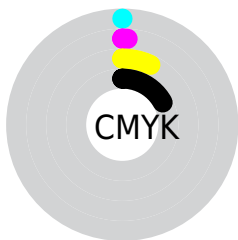
Distribution



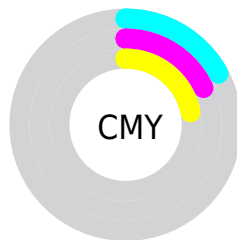
- Red (83%)
- Green (82%)
- Blue (78%)



- Red (79%)
- Yellow (83%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1449, 63.6752, 62.5466 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 60.1449, 63.6752, 62.5466 by changing the saturation by 10% instead.

■ 60.1449, 63.6752,
62.5466

■ 60.1449, 63.6752,
62.5466

414.9578,
438.0158, 451.9847

■ 43.7853, 46.3877,
45.0359

104.1450,
110.1430, 110.0944

■ 30.6990, 32.5518,
31.1425

132.5162,
140.0921, 140.9685

■ 20.5204, 21.7833,
20.4480

165.6221,
175.0305, 177.1342

■ 12.8844, 13.6978,
12.5338

203.8279,
215.3426, 219.0100

■ 7.4254, 7.9108,
6.9814

247.4990,
261.4128, 267.0143

■ 3.7782, 4.0379,
3.3722

297.0008,

■ 1.5775, 1.6948,

313.6254, 321.5659

1.2877

352.6986,
372.3650, 383.0832

■ 0.3776, 0.4203,
0.0517

■ 0.0000, 0.0000,
0.0000

■ 60.1449, 63.6752,
62.5466

■ 60.1449, 63.6752,
62.5466

■ 56.7721, 60.5723,
50.1906

■ 63.8953, 66.9840,
76.7186

■ 53.7571, 57.6608,
39.5721

■ 68.0316, 70.4962,
92.7728

■ 51.0864, 54.9368,
30.6125

■ 71.4869, 73.7876,
105.0824

■ 48.7434, 52.3934,
23.2261

■ 72.7127, 76.2391,
105.4910

46.7100, 50.0229,
17.3189

73.9711, 78.7560,
105.9105

44.9663, 47.8169,
12.7874

75.2625, 81.3389,
106.3410

43.4897, 45.7658,
9.5142

76.5871, 83.9881,
106.7825

42.2541, 43.8589,
7.3625

77.9452, 86.7042,
107.2352

41.2257, 42.0821,
6.1566

79.3369, 89.4876,
107.6991

Harmonies

Analogous

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



61.4245, 63.6752, 62.9210



60.1449, 63.6752, 62.5466



58.9825, 63.6752, 63.9392

Triad

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



60.1449, 63.6752, 62.5466



58.6080, 63.6752, 73.8724



62.8620, 63.6752, 71.9373

Complementary

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



60.1449, 63.6752, 62.5466



56.0590, 58.5316, 70.6312

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.



62.0868, 63.6752, 75.0187



60.1449, 63.6752, 62.5466



59.6271, 63.6752, 76.1632

Square

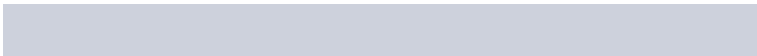
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.1449, 63.6752, 62.5466



58.1034, 63.6752, 70.4175



60.8994, 63.6752, 76.5901



63.0055, 63.6752, 68.2567

Rectangle

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



60.1449, 63.6752, 62.5466



58.4261, 63.6752, 65.7122



60.8994, 63.6752, 76.5901



62.6662, 63.6752, 73.0812

Sweetspot

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



60.1467, 63.6780, 62.5480



93.8924, 98.9815, 104.5170



57.8928, 58.6047, 63.5403



20.1090, 21.1968, 22.4168



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.



60.1467, 63.6780, 62.5480



90.5607, 96.0011, 92.0516



59.7591, 64.5798, 62.7425



13.2368, 14.0478, 13.1746



25.3268, 25.7708, 3.6394



1.5851, 1.6694, 0.2387

Inverse Universe

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



56.0590, 58.5316, 70.6312



83.0355, 86.5271, 106.9327



56.4267, 57.6945, 70.4503



11.9559, 12.4352, 15.7076



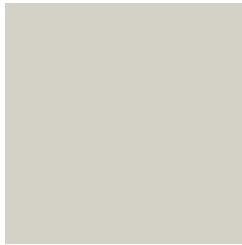
7.9844, 4.2307, 38.8489



0.5432, 0.3784, 2.3637

Previews

White Background



This preview shows how the XYZ color 60.1449, 63.6752, 62.5466 looks on a white background.

Color Contrast Check

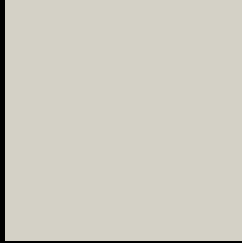
Large Text (above 18pt) WCAG AA × Fail

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 60.1449, 63.6752, 62.5466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

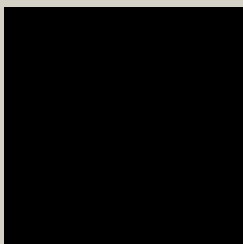
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

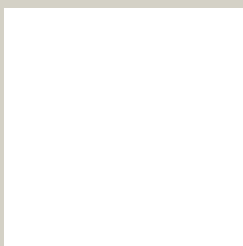
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1449, 63.6752, 62.5466

Background



This preview shows how black text looks on a background with the XYZ color 60.1449, 63.6752, 62.5466.

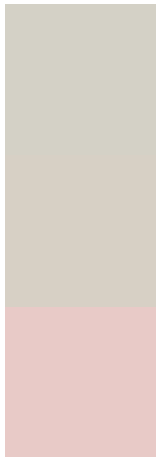


This preview shows how white text looks on a background with the XYZ color 60.1449, 63.6752,

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

60.1449, 63.6752, 62.5466

Protanopia

60.6583, 63.5900, 61.9004

Deuteranopia

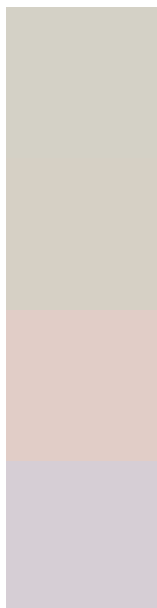
64.7080, 63.5204, 62.8830



Tritanopia

63.0405, 63.3836, 78.0189

Trichromacy



Original Color

60.1449, 63.6752, 62.5466

Protanomaly

60.3655, 63.4391, 61.8867

Deuteranomaly

63.1915, 63.7937, 63.0157

Tritanomaly

61.8131, 63.2429, 71.9000

Monochromacy



Original Color

60.1449, 63.6752, 62.5466

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3983, 63.7103, 66.8716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1449, 63.6752, 62.5466 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(212, 209, 198) looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 198)  
}
```

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(212, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 198) }
```

Border

The CSS property to change the border of an element to XYZ 60.1449, 63.6752, 62.5466 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(212, 209, 198) }
```


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

```
.border{ border-color:rgb(212, 209, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 209, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 198);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1449, 63.6752, 62.5466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 198) }
```

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

```
.background{ background-color: rgb(212,  
209, 198) }
```

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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