

Converting Colors

XYZ(59.4660, 61.6141, 58.5059)

Have a look what the booklet for
XYZ(59.4660, 61.6141, 58.5059)
contains.

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Color

**XYZ(59.4262, 61.5904,
58.6252)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CCC0
RGB	216, 204, 192
RGB Percent	85%, 80%, 75%
CMY	0.1529, 0.2000, 0.2471
CMYK	0.00, 0.06, 0.11, 0.15
HSL	30°, 24%, 80%
HSV	30°, 11%, 85%
XYZ	59.4262, 61.5904, 58.6252
YIQ	206.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

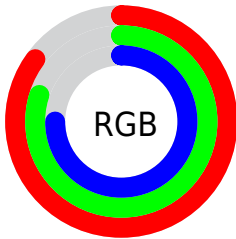
Format	Color
R _Y B	216, 216, 192
Decimal	14208192
CIE Lab	82.70, 2.14, 7.46
CIE LCh	83, 7.758, 74.015
Yxy	61.5904, 0.3308, 0.3429
Android (android.graphics.Color)	4292398272 (0xFFD8CCC0)
YUV	206.2200, -7.0105, 8.5771
Hunter-Lab	78.4796, -2.1756, 10.6453

Details

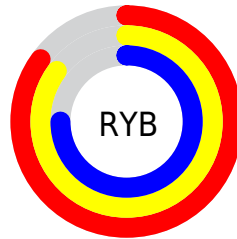
The XYZ color **59.4262, 61.5904, 58.6252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7256, 59.3490, 73.4849**, and the grayscale version is **58.8471, 61.9117, 67.4218**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **30.2645, 31.2538, 28.8636** is the 20% darker color. If you saturate the color by 10%, you get **54.7291, 55.7488, 46.1057**, and if you desaturate by 10%, it is **64.6559, 67.9337, 73.0567**.

Distribution



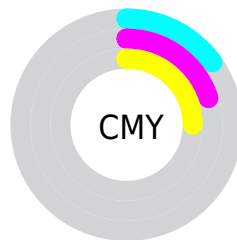
- Red (85%)
- Green (80%)
- Blue (75%)



- Red (85%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4262, 61.5904, 58.6252 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 59.4262, 61.5904, 58.6252 by changing the saturation by 10% instead.

■ 59.4262, 61.5904,
58.6252

■ 59.4262, 61.5904,
58.6252

412.3482,
430.4354, 437.1747

■ 43.2040, 44.7018,
41.8935

■ 103.1079,
107.1333, 104.3565

■ 30.2404, 31.2226,
28.6929

131.2982,
136.5565, 134.1931

■ 20.1701, 20.7684,
18.6051

164.2085,
170.9266, 169.2351

■ 12.6277, 12.9548,
11.2113

202.2042,
210.6280, 209.9010

■ 7.2479, 7.3975,
6.0932

245.6507,
256.0452, 256.6094

■ 3.6653, 3.7119,
2.8321

294.9133,

■ 1.5146, 1.5137,

307.5626, 309.7788

1.0096

350.3573,
365.5646, 369.8277

■ 0.3357, 0.2984,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4262, 61.5904,
58.6252

■ 59.4262, 61.5904,
58.6252

■ 54.7291, 55.7488,
46.1057

■ 64.6559, 67.9337,
73.0567

■ 50.5406, 50.3876,
35.4127

■ 70.4310, 74.7834,
89.4727

■ 46.8426, 45.4956,
26.4601

■ 76.4784, 82.0376,
106.4117

■ 43.6133, 41.0580,
19.1535

■ 79.6885, 88.4577,
107.4817

■ 40.8294, 37.0591,
13.3889

■ 82.1292, 93.3391,
108.2953

■ 38.4651, 33.4821,
9.0507

■ 36.4913, 30.3084,
6.0064

■ 34.8738, 27.5174,
4.0985

■ 33.6855, 25.3318,
3.1141

Harmonies

Analogous

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



60.8733, 61.5904, 60.8883



59.4262, 61.5904, 58.6252



57.7677, 61.5904, 58.5506

Triad

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



59.4262, 61.5904, 58.6252



55.4873, 61.5904, 69.3072



60.7934, 61.5904, 73.8760

Complementary

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



59.4262, 61.5904, 58.6252



55.7256, 59.3490, 73.4849

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.



59.3188, 61.5904, 76.3596



59.4262, 61.5904, 58.6252



56.2668, 61.5904, 73.6384

Square

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



59.4262, 61.5904, 58.6252



55.5148, 61.5904, 64.5673



57.6623, 61.5904, 76.2706



61.6728, 61.5904, 69.6191

Rectangle

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



59.4262, 61.5904, 58.6252



56.7665, 61.5904, 59.7428



57.6623, 61.5904, 76.2706



60.3497, 61.5904, 74.9547

Sweetspot

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



59.4279, 61.5931, 58.6265



92.6348, 97.1016, 102.1392



58.0684, 56.6587, 65.0032



19.6921, 20.6204, 21.4848



0.0000, 0.0000, 0.0000



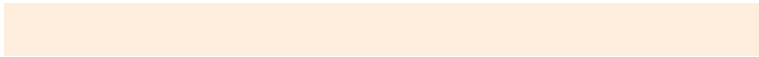
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4279, 61.5931, 58.6265



85.1047, 87.9259, 81.4878



62.3899, 67.5172, 59.6139



12.9313, 13.4368, 13.0727



20.0462, 15.2096, 1.8792



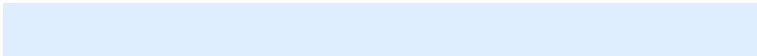
1.2919, 1.0829, 0.1409

Inverse Universe

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



55.7256, 59.3490, 73.4849



78.8251, 84.1196, 106.6899



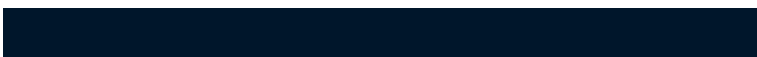
52.9834, 53.8645, 72.5708



12.2503, 13.0240, 15.8057



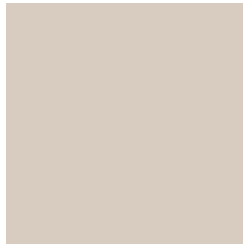
10.6162, 9.4943, 39.7262



0.7231, 0.7382, 2.4237

Previews

White Background



This preview shows how the XYZ color 59.4262, 61.5904, 58.6252 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 59.4262, 61.5904, 58.6252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

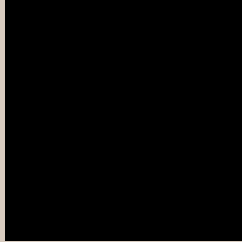
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4262, 61.5904, 58.6252

Background



This preview shows how black text looks on a background with the XYZ color 59.4262, 61.5904, 58.6252.

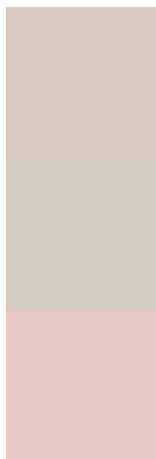


This preview shows how white text looks on a background with the XYZ color 59.4262, 61.5904,

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

59.4262, 61.5904, 58.6252

Protanopia

58.8975, 61.6590, 59.2492

Deuteranopia

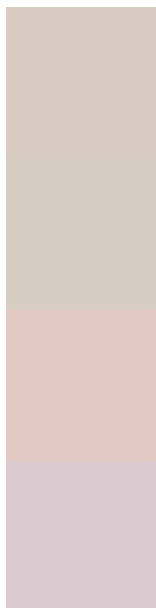
62.6822, 61.5201, 59.0229



Tritanopia

62.2624, 61.3265, 73.5214

Trichromacy



Original Color

59.4262, 61.5904, 58.6252

Protanomaly

59.1885, 61.8090, 59.2628

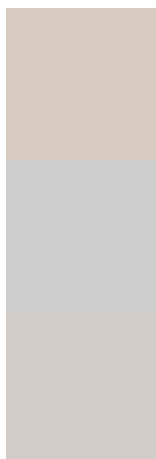
Deuteranomaly

61.5636, 61.6311, 59.1033

Tritanomaly

61.0626, 61.1837, 67.6228

Monochromacy



Original Color

59.4262, 61.5904, 58.6252

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.9523, 61.5813, 64.0376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4262, 61.5904, 58.6252 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(216, 204, 192) looks like.

```
.text, #text, p{  
    color:rgb(216, 204, 192)  
}
```

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(216, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 204, 192) }
```

Border

The CSS property to change the border of an element to XYZ 59.4262, 61.5904, 58.6252 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(216, 204, 192) }
```


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

```
.border{ border-color:rgb(216, 204, 192) }
```

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

Here you see how a box with a 4 pixel rgb(216, 204, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 204,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4262, 61.5904, 58.6252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 204, 192) }
```

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

```
.background{ background-color: rgb(216,  
204, 192) }
```

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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