

Converting Colors

XYZ(59.0625, 61.6294, 60.4125)

Have a look what the booklet for
XYZ(59.0625, 61.6294, 60.4125)
contains.

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Color

**XYZ(59.1222, 61.7489,
60.4324)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CDC3
RGB	213, 205, 195
RGB Percent	84%, 80%, 76%
CMY	0.1647, 0.1961, 0.2353
CMYK	0.00, 0.04, 0.08, 0.16
HSL	33°, 18%, 80%
HSV	33°, 8%, 84%
XYZ	59.1222, 61.7489, 60.4324
YIQ	206.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

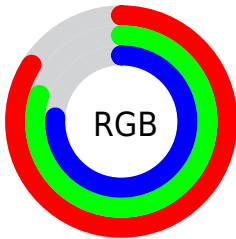
Format	Color
RYB	209, 213, 195
Decimal	14011843
CIELab	82.78, 1.04, 5.95
CIELCh	83, 6.039, 80.069
Yxy	61.7489, 0.3261, 0.3406
Android (android.graphics.Color)	4292201923 (0xFFD5CDC3)
YUV	206.2520, -5.5472, 5.9180
Hunter-Lab	78.5805, -3.2164, 9.4093

Details

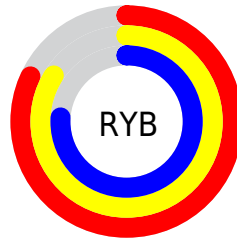
The XYZ color **59.1222, 61.7489, 60.4324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8717, 59.1170, 71.4174**, and the grayscale version is **58.8599, 61.9252, 67.4365**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.9749, 31.3254, 29.6659** is the 20% darker color. If you saturate the color by 10%, you get **54.6888, 56.4647, 47.9083**, and if you desaturate by 10%, it is **64.0395, 67.4497, 74.8142**.

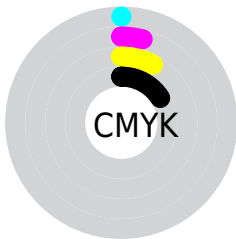
Distribution



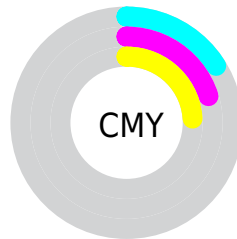
- Red (84%)
- Green (80%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1222, 61.7489, 60.4324 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 59.1222, 61.7489, 60.4324 by changing the saturation by 10% instead.

■ 59.1222, 61.7489,
60.4324

■ 59.1222, 61.7489,
60.4324

411.2414,
431.0146, 444.0386

■ 42.9582, 44.8298,
43.3397

102.6689,
107.3625, 107.0062

■ 30.0467, 31.3234,
29.8184

130.7823,
136.8259, 137.3243

■ 20.0223, 20.8452,
19.4499

163.6096,
171.2395, 172.8880

■ 12.5196, 13.0109,
11.8157

201.5161,
210.9877, 214.1158

■ 7.1733, 7.4361,
6.4973

244.8671,
256.4549, 261.4262

■ 3.6180, 3.7363,
3.0761

294.0282,

■ 1.4884, 1.5272,

308.0255, 315.2377

1.1336

349.3645,
366.0840, 375.9690

■ 0.3179, 0.3077,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1222, 61.7489,
60.4324

■ 59.1222, 61.7489,
60.4324

■ 54.6888, 56.4647,
47.9083

■ 64.0395, 67.4497,
74.8142

■ 50.7173, 51.5785,
37.1609

■ 69.4516, 73.5692,
91.1222

■ 47.1915, 47.0818,
28.1091

■ 74.7406, 79.8658,
106.0841

■ 44.0921, 42.9628,
20.6639

■ 77.4975, 85.3795,
107.0031

■ 41.3981, 39.2091,
14.7279

■ 80.4003, 91.1851,
107.9707

■ 39.0866, 35.8070,
10.1932

■ 81.2508, 92.8863,
108.2542

■ 37.1316, 32.7419,
6.9373

■ 35.5031, 29.9969,
4.8160

■ 34.1571, 27.5498,
3.6121

Harmonies

Analogous

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



60.3080, 61.7489, 61.8975



59.1222, 61.7489, 60.4324



57.8377, 61.7489, 60.7376

Triad

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



59.1222, 61.7489, 60.4324



56.3760, 61.7489, 69.7183



60.6263, 61.7489, 71.9299

Complementary

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



59.1222, 61.7489, 60.4324



55.8717, 59.1170, 71.4174

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.



59.5516, 61.7489, 74.1780



59.1222, 61.7489, 60.4324



57.1021, 61.7489, 72.8688

Square

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



59.1222, 61.7489, 60.4324



56.2648, 61.7489, 66.0082



58.2609, 61.7489, 74.5278



61.1849, 61.7489, 68.4750

Rectangle

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



59.1222, 61.7489, 60.4324



57.0976, 61.7489, 61.9080



58.2609, 61.7489, 74.5278



60.3127, 61.7489, 72.8571

Sweetspot

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



59.1239, 61.7516, 60.4337



92.7680, 97.3679, 102.1836



57.7479, 57.4938, 64.6170



19.7281, 20.6923, 21.4968



0.0000, 0.0000, 0.0000



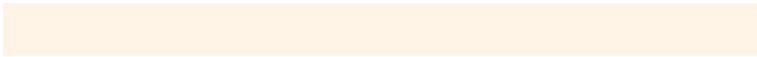
20.3446, 21.4041, 23.3091

Same Dimension

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



59.1239, 61.7516, 60.4337



87.7050, 91.4495, 87.5243



60.8255, 65.5412, 61.0755



12.9899, 13.5539, 13.0922



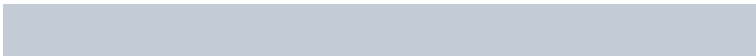
20.8501, 16.8173, 2.1472



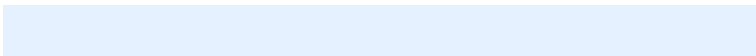
1.3396, 1.1783, 0.1568

Inverse Universe

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



55.8717, 59.1170, 71.4174



81.9272, 86.7690, 107.0378



54.2651, 55.5576, 70.8150



12.1921, 12.9077, 15.7864



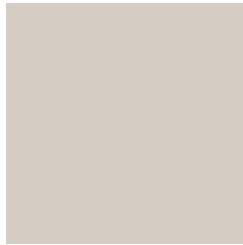
9.9136, 8.0890, 39.4920



0.6797, 0.6515, 2.4092

Previews

White Background



This preview shows how the XYZ color 59.1222, 61.7489, 60.4324 looks on a white background.

Color Contrast Check

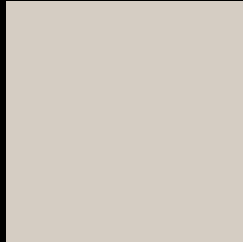
Large Text (above 18pt) WCAG AA × Fail

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 59.1222, 61.7489, 60.4324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

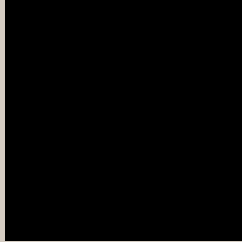
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1222, 61.7489, 60.4324

Background



This preview shows how black text looks on a background with the XYZ color 59.1222, 61.7489, 60.4324.

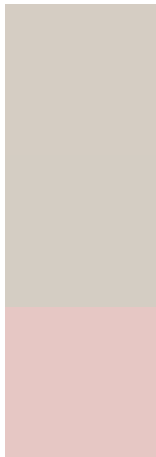


This preview shows how white text looks on a background with the XYZ color 59.1222, 61.7489,

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

59.1222, 61.7489, 60.4324

Protanopia

58.8330, 61.5998, 60.4189

Deuteranopia

63.0204, 61.6554, 60.8037



Tritanopia

61.9638, 61.8497, 74.3180

Trichromacy



Original Color

59.1222, 61.7489, 60.4324

Protanomaly

58.8330, 61.5998, 60.4189

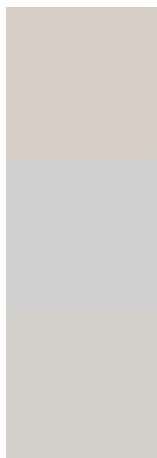
Deuteranomaly

61.5909, 61.6061, 60.8695

Tritanomaly

60.8889, 61.7624, 69.0337

Monochromacy



Original Color

59.1222, 61.7489, 60.4324

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.0265, 61.9622, 64.7260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1222, 61.7489, 60.4324 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(213, 205, 195) looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 195)  
}
```

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(213, 205, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 195) }
```

Border

The CSS property to change the border of an element to XYZ 59.1222, 61.7489, 60.4324 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(213, 205, 195) }
```


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

```
.border{ border-color:rgb(213, 205, 195) }
```

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

Here you see how a box with a 4 pixel rgb(213, 205, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 205, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 205, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 205,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1222, 61.7489, 60.4324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 195) }
```

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

```
.background{ background-color: rgb(213,  
205, 195) }
```

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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