

Converting Colors

XYZ(59.0699, 61.7130, 61.4007)

Have a look what the booklet for
XYZ(59.0699, 61.7130, 61.4007)
contains.

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Color

**XYZ(59.0607, 61.6909,
61.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CDC5
RGB	212, 205, 197
RGB Percent	83%, 80%, 77%
CMY	0.1686, 0.1961, 0.2274
CMYK	0.00, 0.03, 0.07, 0.17
HSL	32°, 15%, 80%
HSV	32°, 7%, 83%
XYZ	59.0607, 61.6909, 61.6180
YIQ	206.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

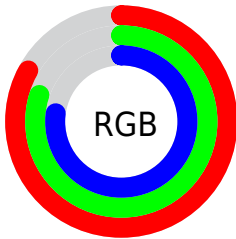
Format	Color
R_{YB}	210, 212, 197
Decimal	13946309
CIE Lab	82.75, 1.03, 4.83
CIE LCh	83, 4.935, 77.992
Yxy	61.6909, 0.3239, 0.3383
Android (android.graphics.Color)	4292136389 (0xFFD4CDC5)
YUV	206.1810, -4.5262, 5.1033
Hunter-Lab	78.5436, -3.2284, 8.4670

Details

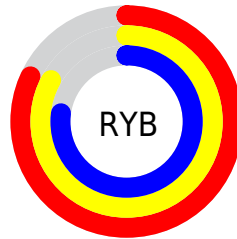
The XYZ color **59.0607, 61.6909, 61.6180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5023, 59.8084, 70.8541**, and the grayscale version is **58.8086, 61.8712, 67.3778**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **29.9292, 31.2845, 30.4477** is the 20% darker color. If you saturate the color by 10%, you get **54.5099, 56.2068, 48.9473**, and if you desaturate by 10%, it is **64.1061, 67.6160, 76.1405**.

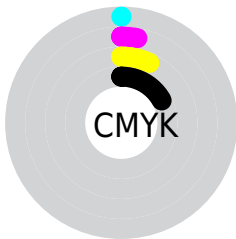
Distribution



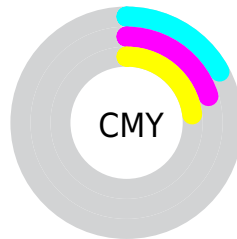
- Red (83%)
- Green (80%)
- Blue (77%)



- Red (82%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0607, 61.6909, 61.6180 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 59.0607, 61.6909, 61.6180 by changing the saturation by 10% instead.

■ 59.0607, 61.6909,
61.6180

■ 59.0607, 61.6909,
61.6180

411.0173,
430.8027, 448.5054

■ 42.9085, 44.7830,
44.2903

102.5800,
107.2787, 108.7395

■ 30.0076, 31.2865,
30.5599

130.6779,
136.7273, 139.3703

■ 19.9924, 20.8171,
20.0083

163.4883,
171.1250, 175.2727

■ 12.4978, 12.9904,
12.2170

201.3768,
210.8561, 216.8650

■ 7.1582, 7.4219,
6.7673

244.7085,
256.3050, 264.5660

■ 3.6085, 3.7273,
3.2408

293.8489,

■ 1.4831, 1.5222,

307.8562, 318.7940

1.2188

349.1634,
365.8939, 379.9676

■ 0.3143, 0.3043,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0607, 61.6909,
61.6180

■ 59.0607, 61.6909,
61.6180

■ 54.5099, 56.2068,
48.9473

■ 64.1061, 67.6160,
76.1405

■ 50.4317, 51.1445,
38.0489

■ 69.6570, 73.9848,
92.5820

■ 46.8097, 46.4950,
28.8432

■ 74.8151, 80.4441,
106.1918

■ 43.6247, 42.2460,
21.2430

■ 77.7199, 86.2536,
107.1601

■ 40.8559, 38.3843,
15.1533

■ 80.7844, 92.3827,
108.1816

■ 38.4803, 34.8958,
10.4689

■ 80.9616, 92.7372,
108.2407

■ 36.4724, 31.7652,
7.0707

■ 34.8027, 28.9753,
4.8199

■ 33.4328, 26.5052,
3.5320

Harmonies

Analogous

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



60.0109, 61.6909, 62.9234



59.0607, 61.6909, 61.6180



58.0076, 61.6909, 61.7671

Triad

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



59.0607, 61.6909, 61.6180



56.7168, 61.6909, 68.9914



60.1639, 61.6909, 71.1563

Complementary

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



59.0607, 61.6909, 61.6180



56.5023, 59.8084, 70.8541

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.



59.2676, 61.6909, 72.8810



59.0607, 61.6909, 61.6180



57.2810, 61.6909, 71.6054

Square

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



59.0607, 61.6909, 61.6180



56.6629, 61.6909, 65.9630



58.2120, 61.6909, 73.0478



60.6530, 61.6909, 68.3935

Rectangle

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



59.0607, 61.6909, 61.6180



57.3888, 61.6909, 62.6719



58.2120, 61.6909, 73.0478



59.8998, 61.6909, 71.8803

Sweetspot

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



59.0624, 61.6936, 61.6193



93.4855, 98.1676, 104.3813



58.0175, 58.2900, 65.3208



20.0262, 21.0312, 22.3892



0.0000, 0.0000, 0.0000



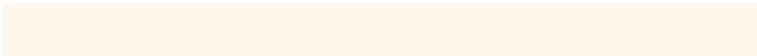
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0624, 61.6936, 61.6193



88.9771, 92.8340, 91.5238



60.6296, 65.0417, 62.1830



12.9664, 13.5071, 13.0844



20.5172, 16.1516, 2.0362



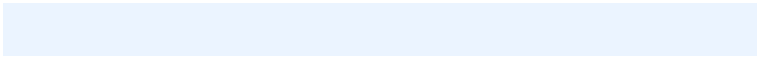
1.3200, 1.1392, 0.1503

Inverse Universe

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



56.5023, 59.8084, 70.8541



84.5642, 89.5845, 107.4423



55.0079, 56.6248, 70.3184



12.2153, 12.9540, 15.7941



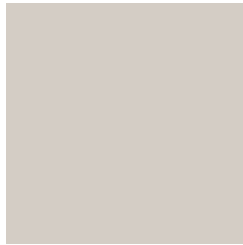
10.1820, 8.6257, 39.5814



0.6965, 0.6851, 2.4148

Previews

White Background



This preview shows how the XYZ color 59.0607, 61.6909, 61.6180 looks on a white background.

Color Contrast Check

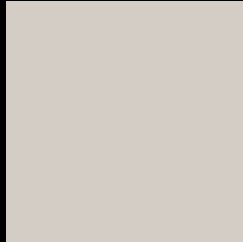
Large Text (above 18pt) WCAG AA × Fail

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 59.0607, 61.6909, 61.6180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

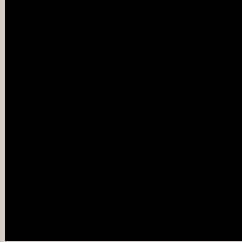
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0607, 61.6909, 61.6180

Background



This preview shows how black text looks on a background with the XYZ color 59.0607, 61.6909, 61.6180.



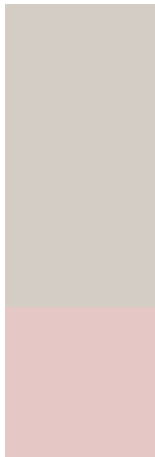
This preview shows how white text looks on a background with the XYZ color 59.0607, 61.6909,

61.6180.

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

59.0607, 61.6909, 61.6180

Protanopia

59.0607, 61.6909, 61.6180

Deuteranopia

62.9296, 61.5821, 61.9959



Tritanopia

61.7998, 61.7501, 74.9914

Trichromacy



Original Color

59.0607, 61.6909, 61.6180

Protanomaly

59.0607, 61.6909, 61.6180

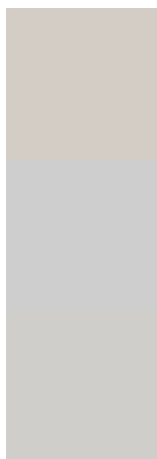
Deuteranomaly

61.5111, 61.5385, 62.0622

Tritanomaly

60.7204, 61.6612, 69.6743

Monochromacy



Original Color

59.0607, 61.6909, 61.6180

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.8632, 61.8643, 65.3385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0607, 61.6909, 61.6180 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, 205, 197) looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 197)  
}
```

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, 205, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 197) }
```

Border

The CSS property to change the border of an element to XYZ 59.0607, 61.6909, 61.6180 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, 205, 197) }
```


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

```
.border{ border-color:rgb(212, 205, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 205, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 205, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 205, 197); box-shadow:4px 4px 4px 4px rgb(212, 205, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0607, 61.6909, 61.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 197) }
```

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

```
.background{ background-color: rgb(212,  
205, 197) }
```

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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