

Converting Colors

XYZ(59.5426, 61.7160, 57.9145)

Have a look what the booklet for
XYZ(59.5426, 61.7160, 57.9145)
contains.

XYZ(59.6121, 61.6990, 58.0574)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.6121, 61.6990,
58.0574)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CCBF
RGB	217, 204, 191
RGB Percent	85%, 80%, 75%
CMY	0.1490, 0.2000, 0.2510
CMYK	0.00, 0.06, 0.12, 0.15
HSL	30°, 25%, 80%
HSV	30°, 12%, 85%
XYZ	59.6121, 61.6990, 58.0574
YIQ	206.4050, 11.9210, -1.2870

Conversions

Conversions Part 2

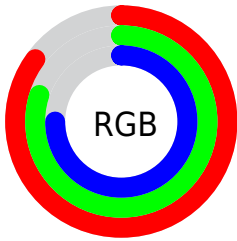
Format	Color
R _Y B	217, 217, 191
Decimal	14273727
CIE Lab	82.75, 2.33, 8.08
CIE LCh	83, 8.414, 73.911
Yxy	61.6990, 0.3323, 0.3440
Android (android.graphics.Color)	4292463807 (0xFFD9CCBF)
YUV	206.4050, -7.5947, 9.2918
Hunter-Lab	78.5487, -1.9932, 11.1613

Details

The XYZ color **59.6121, 61.6990, 58.0574** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6029, 59.2708, 74.1561**, and the grayscale version is **58.9690, 62.0399, 67.5615**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **30.3941, 31.3291, 28.4899** is the 20% darker color. If you saturate the color by 10%, you get **54.9103, 55.8378, 45.5683**, and if you desaturate by 10%, it is **64.8507, 68.0663, 72.4725**.

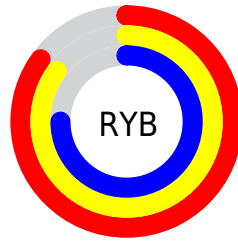
Distribution



Red (85%)

Green (80%)

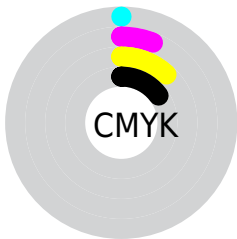
Blue (75%)



Red (85%)

Yellow (85%)

Blue (75%)

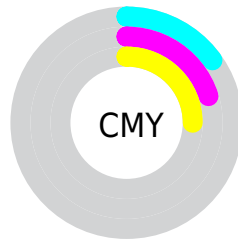


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (15%)



Cyan (15%)


Magenta (20%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6121, 61.6990, 58.0574 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 59.6121, 61.6990, 58.0574 by changing the saturation by 10% instead.


 59.6121, 61.6990,
58.0574

 59.6121, 61.6990,
58.0574


413.0242,
430.8323, 435.0040

 43.3543, 44.7895,
41.4398


 103.3763,
107.2904, 103.5220

 30.3589, 31.2917,
28.3406


131.6135,
136.7411, 133.2062

 20.2606, 20.8211,
18.3413


164.5744,
171.1410, 168.0829

 12.6940, 12.9933,
11.0233


202.6246,
210.8745, 208.5707

 7.2937, 7.4239,
5.9682

246.1293,
256.3260, 255.0882

 3.6944, 3.7286,
2.7573

295.4539,

 1.5307, 1.5229,

307.8798, 308.0539

0.9721

350.9637,
365.9205, 367.8863

■ 0.3466, 0.3048,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6121, 61.6990,
58.0574

■ 59.6121, 61.6990,
58.0574

■ 54.9103, 55.8378,
45.5683

■ 64.8507, 68.0663,
72.4725

■ 50.7212, 50.4611,
34.9185

■ 70.6391, 74.9444,
88.8874

■ 47.0260, 45.5575,
26.0202

■ 76.8183, 82.2773,
106.4401

■ 43.8028, 41.1120,
18.7771

■ 80.0463, 88.7334,
107.5161

■ 41.0276, 37.1086,
13.0833

■ 82.4255, 93.4919,
108.3092

■ 38.6743, 33.5302,
8.8204

■ 36.7128, 30.3578,
5.8529

■ 35.1082, 27.5702,
4.0181

■ 34.0346, 25.5899,
3.1455

Harmonies

Analogous

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



61.1842, 61.6990, 60.5064



59.6121, 61.6990, 58.0574



57.8110, 61.6990, 57.9685

Triad

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



59.6121, 61.6990, 58.0574



55.3318, 61.6990, 69.6027



61.0881, 61.6990, 74.6133

Complementary

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



59.6121, 61.6990, 58.0574



55.6029, 59.2708, 74.1561

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.



59.4831, 61.6990, 77.3184



59.6121, 61.6990, 58.0574



56.1732, 61.6990, 74.3265

Square

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



59.6121, 61.6990, 58.0574



55.3647, 61.6990, 64.4572



57.6846, 61.6990, 77.2108



62.0483, 61.6990, 69.9778

Rectangle

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



59.6121, 61.6990, 58.0574



56.7242, 61.6990, 59.2485



57.6846, 61.6990, 77.2108



60.6047, 61.6990, 75.7889

Sweetspot

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



59.6138, 61.7017, 58.0587



91.8459, 96.1504, 99.9443



58.1459, 56.3738, 64.9441



19.5329, 20.4281, 21.0429



0.0000, 0.0000, 0.0000



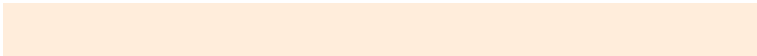
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6138, 61.7017, 58.0587



84.3950, 87.0487, 79.5791



62.8328, 68.1397, 59.1317



13.5914, 14.1222, 13.7351



20.7083, 15.7021, 1.9394



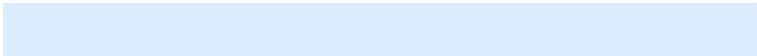
1.4278, 1.1896, 0.1544

Inverse Universe

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



55.6029, 59.2708, 74.1561



77.6798, 82.9787, 106.5301



52.6419, 53.3486, 73.1691



12.8737, 13.6872, 16.6155



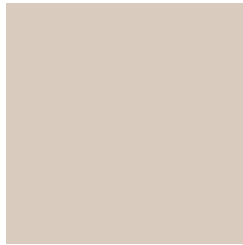
10.9634, 9.7962, 41.0514



0.7964, 0.8070, 2.6882

Previews

White Background



This preview shows how the XYZ color 59.6121, 61.6990, 58.0574 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 59.6121, 61.6990, 58.0574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

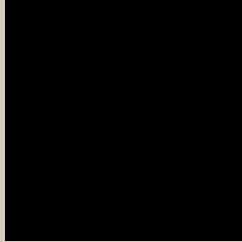
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

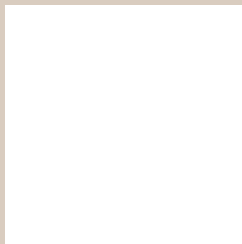
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6121, 61.6990, 58.0574

Background



This preview shows how black text looks on a background with the XYZ color 59.6121, 61.6990, 58.0574.

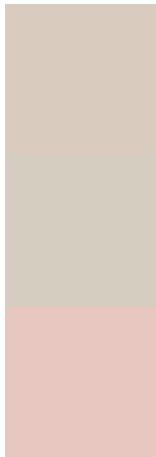


This preview shows how white text looks on a background with the XYZ color 59.6121, 61.6990,

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

59.6121, 61.6990, 58.0574

Protanopia

58.7863, 61.6145, 58.6636

Deuteranopia

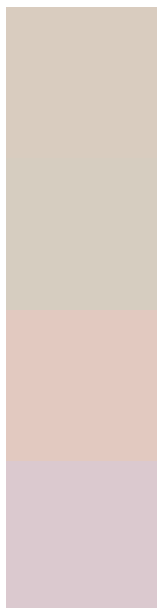
62.8928, 61.6415, 58.4524



Tritanopia

62.5641, 61.4821, 73.5355

Trichromacy



Original Color

59.6121, 61.6990, 58.0574

Protanomaly

59.0773, 61.7646, 58.6772

Deuteranomaly

61.7651, 61.7478, 58.5323

Tritanomaly

61.3625, 61.3384, 67.6368

Monochromacy



Original Color

59.6121, 61.6990, 58.0574

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 59.6121, 61.6990, 58.0574 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(217, 204, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 204, 191)  
}
```

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(217, 204, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 204, 191) }
```

Border

The CSS property to change the border of an element to XYZ 59.6121, 61.6990, 58.0574 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(217, 204, 191) }
```


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

```
.border{ border-color:rgb(217, 204, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 204, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 204, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 204, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 204,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6121, 61.6990, 58.0574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 204, 191) }
```

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

```
.background{ background-color: rgb(217,  
204, 191) }
```

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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