

Converting Colors

XYZ(59.5972, 61.2466, 51.6214)

Have a look what the booklet for
XYZ(59.5972, 61.2466, 51.6214)
contains.

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Color

**XYZ(59.4829, 61.0659,
51.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	DECAB4
RGB	222, 202, 180
RGB Percent	87%, 79%, 71%
CMY	0.1294, 0.2078, 0.2941
CMYK	0.00, 0.09, 0.19, 0.13
HSL	31°, 39%, 79%
HSV	31°, 19%, 87%
XYZ	59.4829, 61.0659, 51.8318
YIQ	205.4720, 18.9820, -2.6020

Conversions

Conversions Part 2

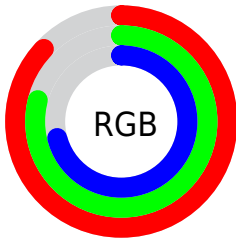
Format	Color
R _Y B	218, 222, 180
Decimal	14600884
CIE Lab	82.41, 3.48, 13.52
CIE LCh	82, 13.959, 75.550
Yxy	61.0659, 0.3451, 0.3543
Android (android.graphics.Color)	4292790964 (0xFFDECAB4)
YUV	205.4720, -12.5577, 14.4951
Hunter-Lab	78.1447, -0.8809, 15.3754

Details

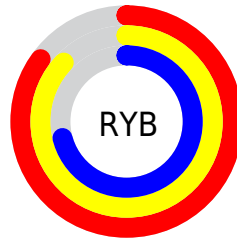
The XYZ color **59.4829, 61.0659, 51.8318** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6611, 56.2844, 77.1960**, and the grayscale version is **58.3993, 61.4406, 66.9089**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **30.3570, 30.9276, 24.4483** is the 20% darker color. If you saturate the color by 10%, you get **55.0049, 55.4437, 40.0609**, and if you desaturate by 10%, it is **64.4963, 67.1782, 65.5697**.

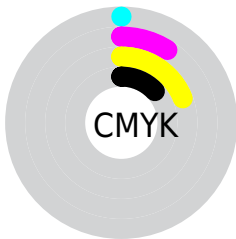
Distribution



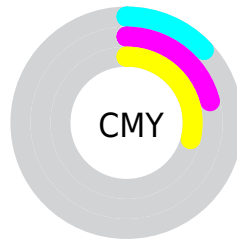
- Red (87%)
- Green (79%)
- Blue (71%)



- Red (85%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (13%)





- Cyan (13%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4829, 61.0659, 51.8318 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 59.4829, 61.0659, 51.8318 by changing the saturation by 10% instead.


 59.4829, 61.0659,
51.8318

 59.4829, 61.0659,
51.8318


412.5545,
428.5156, 410.7254

 43.2498, 44.2784,
36.4897


 103.1898,
106.3743, 94.3072

 30.2766, 30.8894,
24.5200


131.3944,
135.6640, 122.2776

 20.1977, 20.5146,
15.5040


164.3201,
169.8899, 155.2944

 12.6479, 12.7697,
9.0233

202.3324,
209.4363, 193.7764

 7.2619, 7.2701,
4.6594

245.7967,
254.6877, 238.1419

 3.6742, 3.6316,
1.9936

295.0782,

 1.5195, 1.4697,

306.0285, 288.8095

0.5513

350.5423,
363.8430, 346.1979

■ 0.3391, 0.2673,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4829, 61.0659,
51.8318

■ 59.4829, 61.0659,
51.8318

■ 55.0049, 55.4437,
40.0609

■ 64.4963, 67.1782,
65.5697

■ 51.0369, 50.2897,
30.1613

■ 70.0595, 73.7855,
81.3564

■ 47.5583, 45.5924,
22.0351

■ 76.1925, 80.9027,
99.2738

■ 44.5453, 41.3362,
15.5740

■ 80.6099, 87.6208,
107.2716

■ 41.9713, 37.5049,
10.6575

■ 83.8868, 94.1746,
108.3640

■ 39.8069, 34.0803,
7.1484

■ 83.9344, 94.2697,
108.3798

■ 38.0176, 31.0422,
4.8853

■ 36.5517, 28.3633,
3.6171

■ 36.4055, 28.0919,
3.5035

Harmonies

Analogous

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



62.1471, 61.0659, 55.4504



59.4829, 61.0659, 51.8318



56.5188, 61.0659, 51.9009

Triad

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



59.4829, 61.0659, 51.8318



52.6943, 61.0659, 70.9873



62.2285, 61.0659, 78.6569

Complementary

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



59.4829, 61.0659, 51.8318



52.6611, 56.2844, 77.1960

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.



59.5910, 61.0659, 83.5859



59.4829, 61.0659, 51.8318



54.1205, 61.0659, 78.9063

Square

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



59.4829, 61.0659, 51.8318



52.6676, 61.0659, 62.4790



56.6232, 61.0659, 83.6809



63.7686, 61.0659, 70.6699

Rectangle

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



59.4829, 61.0659, 51.8318



54.7732, 61.0659, 54.0127



56.6232, 61.0659, 83.6809



61.4369, 61.0659, 80.7553

Sweetspot

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



59.4845, 61.0686, 51.8331



90.4038, 94.4937, 95.6789



56.9065, 52.3570, 61.9348



19.2455, 20.1005, 20.1847



0.0000, 0.0000, 0.0000



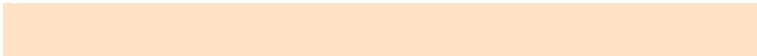
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4845, 61.0686, 51.8331



78.7340, 80.2421, 63.7722



64.2702, 70.9575, 53.4896



14.2985, 14.8829, 14.4259



21.7362, 16.9103, 2.1184



1.5961, 1.3512, 0.1767

Inverse Universe

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



52.6611, 56.2844, 77.1960



67.6350, 72.4606, 105.0293



48.4926, 47.7048, 75.7597



13.4876, 14.3144, 17.4398



10.9838, 9.4372, 42.2910



0.8506, 0.8326, 2.9611

Previews

White Background



This preview shows how the XYZ color 59.4829, 61.0659, 51.8318 looks on a white background.

Color Contrast Check

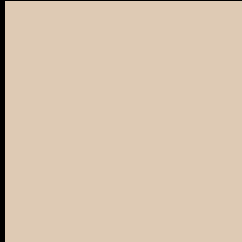
Large Text (above 18pt) WCAG AA × Fail

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 59.4829, 61.0659, 51.8318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

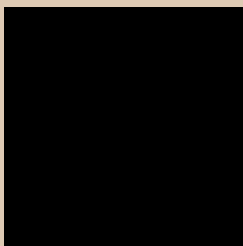
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4829, 61.0659, 51.8318

Background



This preview shows how black text looks on a background with the XYZ color 59.4829, 61.0659, 51.8318.



This preview shows how white text looks on a background with the XYZ color 59.4829, 61.0659,

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

59.4829, 61.0659, 51.8318

Protanopia

57.9034, 61.2950, 52.4953

Deuteranopia

62.4663, 61.2168, 52.2398



Tritanopia

63.3405, 60.9054, 71.3683

Trichromacy



Original Color

59.4829, 61.0659, 51.8318

Protanomaly

58.5486, 61.2736, 52.4572

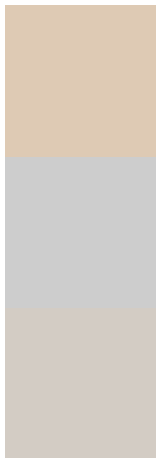
Deuteranomaly

61.3970, 61.0060, 52.2554

Tritanomaly

62.0174, 61.0714, 63.7776

Monochromacy



Original Color

59.4829, 61.0659, 51.8318

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.4206, 61.0201, 60.9235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4829, 61.0659, 51.8318 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(222, 202, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 202, 180)  
}
```

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(222, 202, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 202, 180) }
```

Border

The CSS property to change the border of an element to XYZ 59.4829, 61.0659, 51.8318 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(222, 202, 180) }
```


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

```
.border{ border-color:rgb(222, 202, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 202, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 202, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 202, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 202,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4829, 61.0659, 51.8318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 202, 180) }
```

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

```
.background{ background-color: rgb(222,  
202, 180) }
```

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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