

Converting Colors

XYZ(58.9025, 61.3409, 53.5920)

Have a look what the booklet for
XYZ(58.9025, 61.3409, 53.5920)
contains.

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Color

**XYZ(59.0536, 61.5101,
53.5599)**

Conversions

Conversions Part 1

Format	Color
Hex	DACCB7
RGB	218, 204, 183
RGB Percent	85%, 80%, 72%
CMY	0.1451, 0.2000, 0.2823
CMYK	0.00, 0.06, 0.16, 0.15
HSL	36°, 32%, 79%
HSV	36°, 16%, 85%
XYZ	59.0536, 61.5101, 53.5599
YIQ	205.7920, 15.0850, -3.5630

Conversions

Conversions Part 2

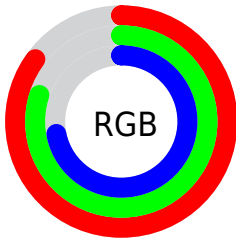
Format	Color
R _Y B	206, 218, 183
Decimal	14339255
CIE Lab	82.65, 1.43, 12.21
CIE LCh	83, 12.294, 83.340
Yxy	61.5101, 0.3391, 0.3533
Android (android.graphics.Color)	4292529335 (0xFFDACCB7)
YUV	205.7920, -11.2365, 10.7064
Hunter-Lab	78.4284, -2.8459, 14.4098

Details

The XYZ color **59.0536, 61.5101, 53.5599** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1494, 55.0606, 74.2094**, and the grayscale version is **58.5974, 61.6491, 67.1358**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **30.0399, 31.2109, 25.5601** is the 20% darker color. If you saturate the color by 10%, you get **54.9442, 56.6453, 41.8492**, and if you desaturate by 10%, it is **63.6338, 66.7529, 67.1629**.

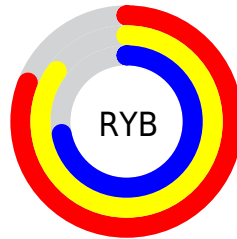
Distribution



Red (85%)

Green (80%)

Blue (72%)



Red (81%)

Yellow (85%)

Blue (72%)

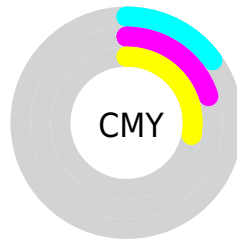


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (15%)



Cyan (15%)

Magenta (20%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0536, 61.5101, 53.5599 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 59.0536, 61.5101, 53.5599 by changing the saturation by 10% instead.

■ 59.0536, 61.5101,
53.5599

■ 59.0536, 61.5101,
53.5599

410.9914,
430.1418, 417.5566

■ 42.9028, 44.6370,
37.8591

■ 102.5697,
107.0172, 96.8776

■ 30.0031, 31.1716,
25.5724

130.6658,
136.4199, 125.3317

■ 19.9890, 20.7295,
16.2811

163.4743,
170.7680, 158.8739

■ 12.4953, 12.9264,
9.5668

201.3607,
210.4457, 197.9228

■ 7.1565, 7.3779,
5.0109

244.6902,
255.8376, 242.8970

■ 3.6074, 3.6995,
2.1948

293.8283,

■ 1.4825, 1.5070,

307.3280, 294.2151

0.6714

349.1402,
365.3013, 352.2954

■ 0.3139, 0.2936,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0536, 61.5101,
53.5599

■ 59.0536, 61.5101,
53.5599

■ 54.9442, 56.6453,
41.8492

■ 63.6338, 66.7529,
67.1629

■ 51.2827, 52.1402,
31.9413

■ 68.6967, 72.3753,
82.7343

■ 48.0513, 47.9866,
23.7453

■ 74.2601, 78.3892,
100.3508

■ 45.2292, 44.1730,
17.1608

■ 77.7936, 83.7853,
106.6798

■ 42.7933, 40.6870,
12.0767

■ 80.4058, 89.0099,
107.5505

■ 40.7179, 37.5150,
8.3676

■ 82.7237, 93.6456,
108.3231

■ 38.9733, 34.6415,
5.8877

■ 37.5228, 32.0484,
4.4553

■ 37.0068, 31.0918,
4.0508

Harmonies

Analogous

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



61.5438, 61.5101, 55.9863



59.0536, 61.5101, 53.5599



56.4774, 61.5101, 54.5049

Triad

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



59.0536, 61.5101, 53.5599



53.9300, 61.5101, 72.8942



62.6265, 61.5101, 76.0248

Complementary

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



59.0536, 61.5101, 53.5599



52.1494, 55.0606, 74.2094

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.



60.4957, 61.5101, 81.2132



59.0536, 61.5101, 53.5599



55.4877, 61.5101, 79.3129

Square

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



59.0536, 61.5101, 53.5599



53.5700, 61.5101, 65.3038



57.8774, 61.5101, 82.4594



63.6463, 61.5101, 68.6725

Rectangle

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



59.0536, 61.5101, 53.5599



55.0517, 61.5101, 56.9571



57.8774, 61.5101, 82.4594



62.0134, 61.5101, 78.1015

Sweetspot

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



59.0553, 61.5128, 53.5612



91.4596, 95.9959, 97.9100



55.9257, 52.8044, 60.0688



19.4712, 20.4290, 20.6386



0.0000, 0.0000, 0.0000



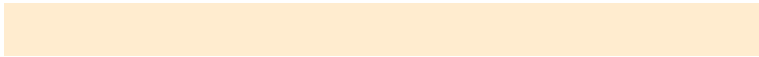
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0553, 61.5128, 53.5612



82.3354, 85.5188, 70.9107



61.4970, 67.9338, 54.6719



13.7027, 14.3447, 13.7722



22.2787, 18.8429, 2.4628



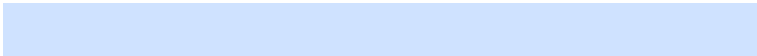
1.5268, 1.3876, 0.1874

Inverse Universe

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



52.1494, 55.0606, 74.2094



70.8323, 74.7721, 105.3069



49.9606, 49.4316, 73.2383



12.7639, 13.4675, 16.5789



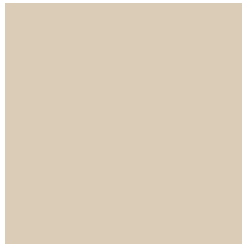
9.7306, 7.3307, 40.6405



0.7133, 0.6407, 2.6605

Previews

White Background



This preview shows how the XYZ color 59.0536, 61.5101, 53.5599 looks on a white background.

Color Contrast Check

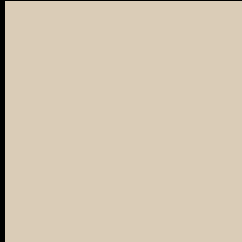
Large Text (above 18pt) WCAG AA × Fail

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 59.0536, 61.5101, 53.5599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

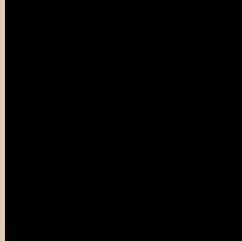
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

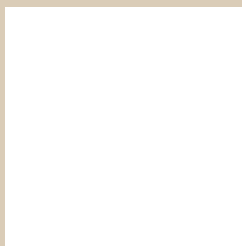
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0536, 61.5101, 53.5599

Background



This preview shows how black text looks on a background with the XYZ color 59.0536, 61.5101, 53.5599.

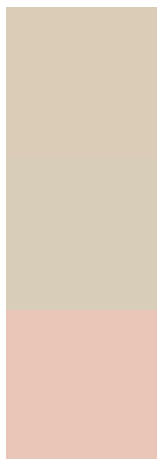


This preview shows how white text looks on a background with the XYZ color 59.0536, 61.5101,

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

59.0536, 61.5101, 53.5599

Protanopia

58.5074, 61.5704, 54.1480

Deuteranopia

62.7775, 61.3413, 53.8787



Tritanopia

62.8134, 61.2827, 72.8081

Trichromacy



Original Color

59.0536, 61.5101, 53.5599

Protanomaly

58.8020, 61.7223, 54.1618

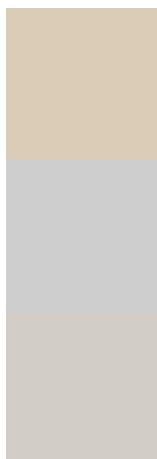
Deuteranomaly

61.3009, 61.2632, 53.9415

Tritanomaly

61.4849, 61.4572, 65.1217

Monochromacy



Original Color

59.0536, 61.5101, 53.5599

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.6027, 61.4415, 62.1968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0536, 61.5101, 53.5599 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(218, 204, 183) looks like.

```
.text, #text, p{  
    color:rgb(218, 204, 183)  
}
```

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(218, 204, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 204, 183) }
```

Border

The CSS property to change the border of an element to XYZ 59.0536, 61.5101, 53.5599 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(218, 204, 183) }
```


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

```
.border{ border-color:rgb(218, 204, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 204, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 204, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 204, 183);  
box-shadow:4px 4px 4px 4px rgb(218, 204,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0536, 61.5101, 53.5599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 204, 183) }
```

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

```
.background{ background-color: rgb(218,  
204, 183) }
```

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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