

Converting Colors

XYZ(59.3073, 60.9897, 60.1167)

Have a look what the booklet for
XYZ(59.3073, 60.9897, 60.1167)
contains.

XYZ(59.5252, 61.2509, 60.3151)	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(59.5252, 61.2509,
60.3151)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CBC3
RGB	216, 203, 195
RGB Percent	85%, 80%, 76%
CMY	0.1529, 0.2039, 0.2353
CMYK	0.00, 0.06, 0.10, 0.15
HSL	23°, 21%, 81%
HSV	23°, 10%, 85%
XYZ	59.5252, 61.2509, 60.3151
YIQ	205.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

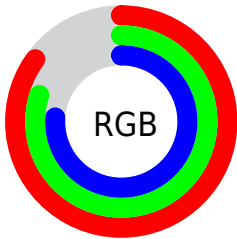
Format	Color
R _Y B	216, 208, 195
Decimal	14207939
CIE Lab	82.51, 3.16, 5.60
CIE LCh	83, 6.425, 60.571
Yxy	61.2509, 0.3287, 0.3382
Android (android.graphics.Color)	4292398019 (0xFFD8CBC3)
YUV	205.9750, -5.4107, 8.7919
Hunter-Lab	78.2630, -1.1967, 9.0909

Details

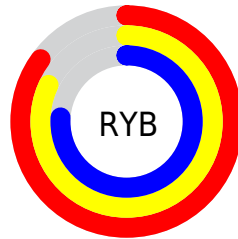
The XYZ color **59.5252, 61.2509, 60.3151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4562, 61.6708, 73.8419**, and the grayscale version is **58.6805, 61.7365, 67.2311**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **30.2531, 30.9950, 29.5874** is the 20% darker color. If you saturate the color by 10%, you get **54.2360, 54.3018, 47.3619**, and if you desaturate by 10%, it is **65.4434, 68.8911, 75.2224**.

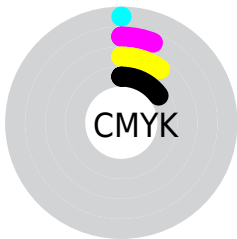
Distribution



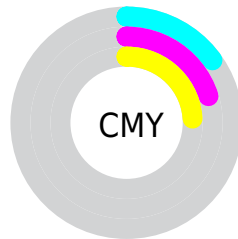
- Red (85%)
- Green (80%)
- Blue (76%)



- Red (85%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5252, 61.2509, 60.3151 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 59.5252, 61.2509, 60.3151 by changing the saturation by 10% instead.

■ 59.5252, 61.2509,
60.3151

■ 59.5252, 61.2509,
60.3151

412.7083,
429.1933, 443.5951

■ 43.2840, 44.4277,
43.2457

103.2509,
106.6421, 106.8345

■ 30.3035, 31.0069,
29.7451

131.4661,
135.9789, 137.1215

■ 20.2183, 20.6041,
19.3948

164.4034,
170.2557, 172.6515

■ 12.6630, 12.8349,
11.7762

202.4281,
209.8569, 213.8431

■ 7.2723, 7.3150,
6.4708

245.9056,
255.1669, 261.1147

■ 3.6808, 3.6598,
3.0600

295.2012,

■ 1.5232, 1.4852,

306.5700, 314.8848

1.1254

350.6803,
364.4507, 375.5721

■ 0.3415, 0.2783,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5252, 61.2509,
60.3151

■ 59.5252, 61.2509,
60.3151

■ 54.2360, 54.3018,
47.3619

■ 65.4434, 68.8911,
75.2224

■ 49.5487, 48.0161,
36.2771

■ 72.0062, 77.2333,
92.1568

■ 45.4418, 42.3758,
26.9743

■ 78.4522, 85.9851,
107.0697

■ 41.8903, 37.3590,
19.3588

■ 82.1292, 93.3391,
108.2953

■ 38.8672, 32.9425,
13.3271

■ 36.3431, 29.1015,
8.7638

■ 34.2849, 25.8090,
5.5379

■ 32.6547, 23.0351,
3.4944

■ 31.3926, 20.7405,
2.3660

Harmonies

Analogous

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



60.5221, 61.2509, 62.9162



59.5252, 61.2509, 60.3151



58.1908, 61.2509, 59.4068

Triad

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



59.5252, 61.2509, 60.3151



55.6145, 61.2509, 66.7673



59.5715, 61.2509, 73.4224

Complementary

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



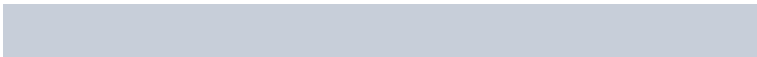
59.5252, 61.2509, 60.3151



57.4562, 61.6708, 73.8419

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.



58.2435, 61.2509, 74.5493



59.5252, 61.2509, 60.3151



55.9714, 61.2509, 70.6155

Square

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



59.5252, 61.2509, 60.3151



55.9458, 61.2509, 63.0420



56.9284, 61.2509, 73.5028



60.5492, 61.2509, 70.4798

Rectangle

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



59.5252, 61.2509, 60.3151



57.2936, 61.2509, 59.8543



56.9284, 61.2509, 73.5028



59.1506, 61.2509, 74.0311

Sweetspot

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



59.5269, 61.2536, 60.3164



92.3508, 96.5334, 102.0445



59.2570, 58.1989, 67.9794



19.6156, 20.4672, 21.4593



0.0000, 0.0000, 0.0000



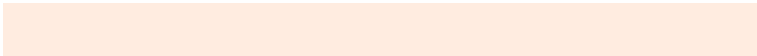
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5269, 61.2536, 60.3164



84.7623, 86.6905, 83.0712



62.0147, 66.2291, 61.1457



12.8073, 13.1889, 13.0314



18.6589, 12.4350, 1.4168



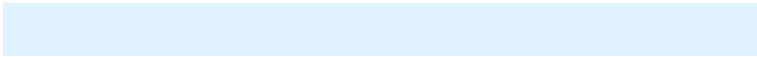
1.2041, 0.9074, 0.1117

Inverse Universe

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



57.4562, 61.6708, 73.8419



81.0663, 87.4347, 107.2117



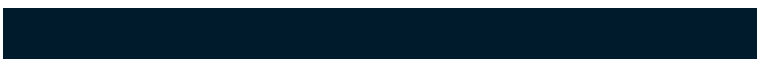
55.0496, 56.8577, 73.0398



12.3762, 13.2757, 15.8477



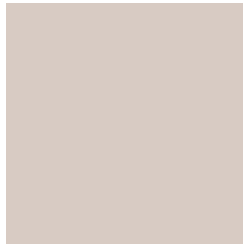
12.4631, 13.1879, 40.3418



0.8305, 0.9530, 2.4595

Previews

White Background



This preview shows how the XYZ color 59.5252, 61.2509, 60.3151 looks on a white background.

Color Contrast Check

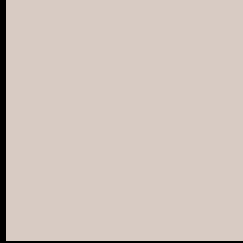
Large Text (above 18pt) WCAG AA × Fail

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 59.5252, 61.2509, 60.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

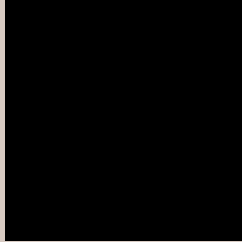
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5252, 61.2509, 60.3151

Background



This preview shows how black text looks on a background with the XYZ color 59.5252, 61.2509, 60.3151.

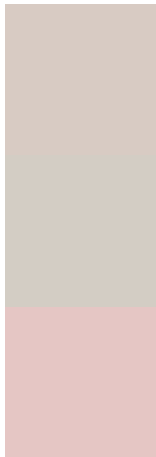


This preview shows how white text looks on a background with the XYZ color 59.5252, 61.2509,

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

59.5252, 61.2509, 60.3151

Protanopia

58.6591, 61.4970, 61.0030

Deuteranopia

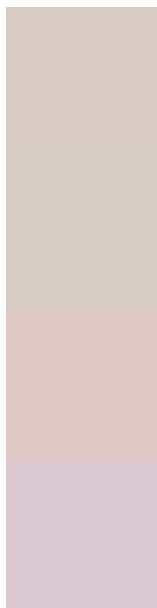
62.4710, 61.0317, 60.7123



Tritanopia

62.2624, 61.3265, 73.5214

Trichromacy



Original Color

59.5252, 61.2509, 60.3151

Protanomaly

58.9972, 61.3174, 60.9505

Deuteranomaly

61.3586, 61.1414, 60.7921

Tritanomaly

61.1853, 61.2328, 68.2688

Monochromacy



Original Color

59.5252, 61.2509, 60.3151

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.0703, 61.6285, 64.6593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5252, 61.2509, 60.3151 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(216, 203, 195) looks like.

```
.text, #text, p{  
    color:rgb(216, 203, 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(216, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 203, 195) }
```

Border

The CSS property to change the border of an element to XYZ 59.5252, 61.2509, 60.3151 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(216, 203, 195) }
```


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

```
.border{ border-color:rgb(216, 203, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 203, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(216, 203,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5252, 61.2509, 60.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 203, 195) }
```

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

```
.background{ background-color: rgb(216,  
203, 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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