

Converting Colors

XYZ(60.9400, 67.6657, 49.8492)

Have a look what the booklet for
XYZ(60.9400, 67.6657, 49.8492)
contains.

XYZ(61.0303, 67.7977, 49.9140)	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(61.0303, 67.7977,
49.9140)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DAAE
RGB	216, 218, 174
RGB Percent	85%, 85%, 68%
CMY	0.1529, 0.1451, 0.3176
CMYK	0.01, 0.00, 0.20, 0.15
HSL	63°, 37%, 77%
HSV	63°, 20%, 85%
XYZ	61.0303, 67.7977, 49.9140
YIQ	212.3860, 12.9320, -14.1080

Conversions

Conversions Part 2

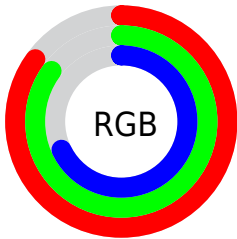
Format	Color
RYB	174, 218, 176
Decimal	14211758
CIELab	85.91, -7.89, 21.49
CIELCh	86, 22.889, 110.157
Yxy	67.7977, 0.3414, 0.3793
Android (android.graphics.Color)	4292401838 (0xFFD8DAAE)
YUV	212.3860, -18.9243, 3.1695
Hunter-Lab	82.3394, -11.7889, 21.6960

Details

The XYZ color **61.0303, 67.7977, 49.9140** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.6980, 44.5659, 72.5269**, and the grayscale version is **62.9537, 66.2322, 72.1268**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **31.2463, 35.1519, 23.2273** is the 20% darker color. If you saturate the color by 10%, you get **58.7834, 66.8674, 39.6008**, and if you desaturate by 10%, it is **63.6276, 68.8729, 62.0470**.

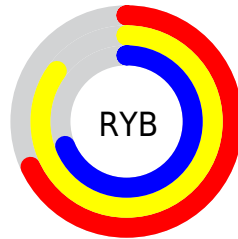
Distribution



Red (85%)

Green (85%)

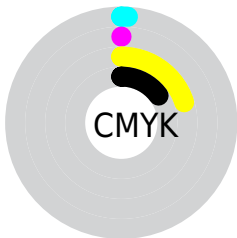
Blue (68%)



Red (68%)

Yellow (85%)

Blue (69%)

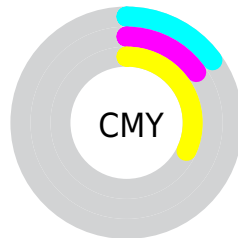


Cyan (1%)

Magenta (0%)

Yellow (20%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0303, 67.7977, 49.9140 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 61.0303, 67.7977, 49.9140 by changing the saturation by 10% instead.

■ 61.0303, 67.7977,
49.9140

■ 61.0303, 67.7977,
49.9140

418.1592,
452.7789, 403.0550

■ 44.5023, 49.7332,
34.9744

■ 105.4207,
116.0627, 91.4424

■ 31.2652, 35.2014,
23.3597

134.0137,
147.0319, 118.8683

■ 20.9537, 23.8181,
14.6516

167.3591,
183.0716, 151.2934

■ 13.2024, 15.1987,
8.4313

205.8223,
224.5659, 189.1361

■ 7.6460, 8.9590,
4.2805

249.7685,
271.8995, 232.8151

■ 3.9192, 4.7144,
1.7804

299.5632,

■ 1.6565, 2.0807,

325.4565, 282.7489

0.4150

355.5716,
385.6216, 339.3560

■ 0.4288, 0.6537,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0303, 67.7977,
49.9140

■ 61.0303, 67.7977,
49.9140

■ 58.7834, 66.8674,
39.6008

■ 63.6276, 68.8729,
62.0470

■ 56.8648, 66.0664,
31.0154

■ 66.5853, 70.0902,
76.0769

■ 55.2584, 65.3904,
24.0646

■ 69.9199, 71.4585,
92.0819

■ 53.9444, 64.8317,
18.6446

■ 72.6299, 72.5771,
104.7885

■ 52.9009, 64.3813,
14.6396

■ 72.9314, 72.7325,
104.8026

■ 52.1027, 64.0292,
11.9174

■ 73.2347, 72.8888,
104.8168

■ 51.5201, 63.7636,
10.3212

■ 73.5397, 73.0461,
104.8311

■ 51.1060, 63.5662,
9.5759

■ 73.8466, 73.2043,
104.8454

■ 74.1552, 73.3634,
104.8599

Harmonies

Analogous

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



66.1771, 67.7977, 48.8870



61.0303, 67.7977, 49.9140



57.0104, 67.7977, 56.8360

Triad

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



61.0303, 67.7977, 49.9140



58.1987, 67.7977, 98.2611



74.8834, 67.7977, 78.8627

Complementary

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



61.0303, 67.7977, 49.9140



45.6980, 44.5659, 72.5269

Split Complementary

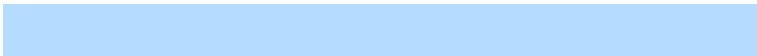
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.4879, 67.7977, 93.8898



61.0303, 67.7977, 49.9140



62.7329, 67.7977, 106.0505

Square

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



61.0303, 67.7977, 49.9140



55.4380, 67.7977, 84.2148



67.9737, 67.7977, 104.3506



74.3665, 67.7977, 64.3181

Rectangle

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



61.0303, 67.7977, 49.9140



55.4210, 67.7977, 64.4538



67.9737, 67.7977, 104.3506



74.3873, 67.7977, 84.0526

Sweetspot

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



61.0321, 67.8007, 49.9154



92.4277, 98.9215, 96.4269



51.9766, 48.8050, 46.7262



19.7247, 21.1491, 20.3618



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.



61.0321, 67.8007, 49.9154



85.6968, 96.1411, 64.9616



55.0991, 64.7422, 49.6378



14.1005, 15.2321, 13.9225



30.6417, 38.0939, 5.7379



2.0036, 2.4774, 0.3726

Inverse Universe

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



45.6980, 44.5659, 72.5269



60.2155, 57.5294, 102.5383



50.9413, 47.2690, 72.7723



12.3933, 12.6453, 16.4397



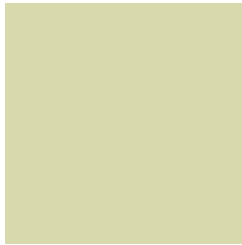
7.6805, 3.0836, 39.9288



0.5173, 0.2100, 2.5877

Previews

White Background



This preview shows how the XYZ color 61.0303, 67.7977, 49.9140 looks on a white background.

Color Contrast Check

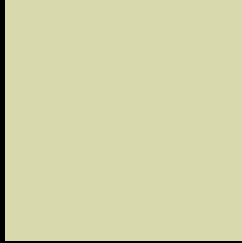
Large Text (above 18pt) WCAG AA × Fail

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 61.0303, 67.7977, 49.9140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

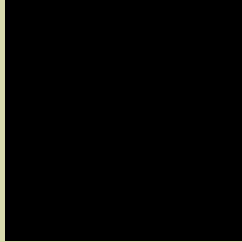
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

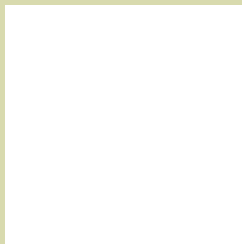
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.0303, 67.7977, 49.9140

Background



This preview shows how black text looks on a background with the XYZ color 61.0303, 67.7977, 49.9140.



This preview shows how white text looks on a background with the XYZ color 61.0303, 67.7977,

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

61.0303, 67.7977, 49.9140

Protanopia

63.4879, 67.5657, 48.7250

Deuteranopia

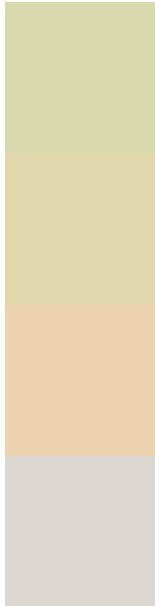
68.9747, 67.4169, 50.4517



Tritanopia

67.5908, 67.8226, 82.2017

Trichromacy



Original Color

61.0303, 67.7977, 49.9140

Protanomaly

62.5837, 67.4653, 49.2588

Deuteranomaly

65.7095, 67.1929, 50.0637

Tritanomaly

64.9469, 67.8628, 69.3503

Monochromacy



Original Color

61.0303, 67.7977, 49.9140

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.6802, 66.3165, 62.9755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0303, 67.7977, 49.9140 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, 218, 174)` looks like.

```
.text, #text, p{  
    color:rgb(216, 218, 174)  
}
```

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, 218, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 218, 174) }
```

Border

The CSS property to change the border of an element to XYZ 61.0303, 67.7977, 49.9140 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, 218, 174) }
```


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

```
.border{ border-color:rgb(216, 218, 174) }
```

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

Here you see how a box with a 4 pixel rgb(216, 218, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 218, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 218, 174);  
box-shadow:4px 4px 4px 4px rgb(216, 218,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0303, 67.7977, 49.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 218, 174) }
```

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

```
.background{ background-color: rgb(216,  
218, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor