

Converting Colors

XYZ(61.0413, 66.8013, 53.0484)

Have a look what the booklet for
XYZ(61.0413, 66.8013, 53.0484)
contains.

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Color

**XYZ(61.1130, 67.0060,
52.8925)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D8B4
RGB	216, 216, 180
RGB Percent	85%, 85%, 71%
CMY	0.1529, 0.1529, 0.2941
CMYK	0.00, 0.00, 0.17, 0.15
HSL	60°, 32%, 78%
HSV	60°, 17%, 85%
XYZ	61.1130, 67.0060, 52.8925
YIQ	211.8960, 11.5560, -11.1960

Conversions

Conversions Part 2

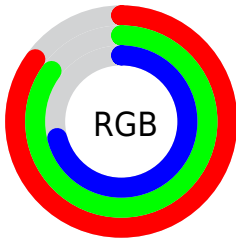
Format	Color
RYB	180, 216, 180
Decimal	14211252
CIELab	85.51, -5.98, 17.79
CIELCh	86, 18.769, 108.567
Yxy	67.0060, 0.3376, 0.3702
Android (android.graphics.Color)	4292401332 (0xFFD8D8B4)
YUV	211.8960, -15.7247, 3.5992
Hunter-Lab	81.8572, -9.9854, 18.9895

Details

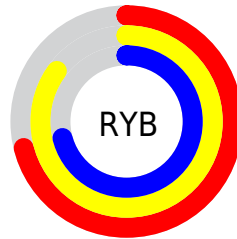
The XYZ color **61.1130, 67.0060, 52.8925** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.5410, 47.3055, 71.5947**, and the grayscale version is **62.6075, 65.8680, 71.7303**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **31.2736, 34.5991, 25.1087** is the 20% darker color. If you saturate the color by 10%, you get **59.0817, 66.1956, 42.1922**, and if you desaturate by 10%, it is **63.4909, 67.9595, 65.4018**.

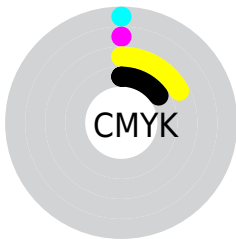
Distribution



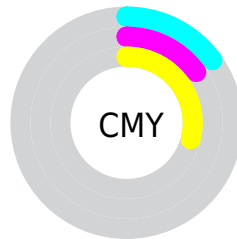
- Red (85%)
- Green (85%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1130, 67.0060, 52.8925 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 61.1130, 67.0060, 52.8925 by changing the saturation by 10% instead.

■ 61.1130, 67.0060,
52.8925

■ 61.1130, 67.0060,
52.8925

418.4575,
449.9661, 414.9271

■ 44.5693, 49.0895,
37.3298

■ 105.5397,
114.9290, 95.8861

■ 31.3181, 34.6905,
25.1652

134.1534,
145.7043, 124.1541

■ 20.9942, 23.4245,
15.9800

167.5211,
181.5347, 157.4943

■ 13.2322, 14.9073,
9.3558

206.0082,
222.8045, 196.3253

■ 7.6667, 8.7544,
4.8740

249.9800,
269.8981, 241.0655

■ 3.9325, 4.5813,
2.1161

299.8020,

■ 1.6640, 2.0038,

323.2000, 292.1335

0.6253

355.8393,
383.0946, 349.9479

■ 0.4336, 0.6097,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1130, 67.0060,
52.8925

■ 61.1130, 67.0060,
52.8925

■ 59.0817, 66.1956,
42.1922

■ 63.4909, 67.9595,
65.4018

■ 57.3757, 65.5131,
33.2133

■ 66.2248, 69.0532,
79.7938

■ 55.9798, 64.9547,
25.8672

■ 69.3304, 70.2955,
96.1433

■ 54.8753, 64.5128,
20.0557

■ 70.9299, 70.9354,
104.5612

■ 54.0417, 64.1792,
15.6703

■ 70.9308, 70.9359,
104.5613

■ 53.4555, 63.9446,
12.5880

■ 70.9316, 70.9363,
104.5613

■ 53.0895, 63.7981,
10.6655

■ 70.9325, 70.9368,
104.5614

■ 52.9088, 63.7258,
9.7184

■ 70.9334, 70.9372,
104.5614

■ 52.8691, 63.7098,
9.5107

■ 70.9343, 70.9377,
104.5614

Harmonies

Analogous

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



65.3257, 67.0060, 52.2848



61.1130, 67.0060, 52.8925



57.7379, 67.0060, 58.5014

Triad

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



61.1130, 67.0060, 52.8925



58.4160, 67.0060, 92.0091



72.0631, 67.0060, 77.7107

Complementary

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



61.1130, 67.0060, 52.8925



47.5410, 47.3055, 71.5947

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.



70.0317, 67.0060, 89.6196



61.1130, 67.0060, 52.8925



62.0763, 67.0060, 98.4682

Square

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



61.1130, 67.0060, 52.8925



56.2294, 67.0060, 80.6902



66.3327, 67.0060, 97.5479



71.7768, 67.0060, 65.7365

Rectangle

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



61.1130, 67.0060, 52.8925



56.3586, 67.0060, 64.7125



66.3327, 67.0060, 97.5479



71.6251, 67.0060, 81.8760

Sweetspot

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



61.1148, 67.0090, 52.8939



93.0640, 99.2055, 98.4450



52.8806, 50.5384, 50.1488



19.8621, 21.2111, 20.7689



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.



61.1148, 67.0090, 52.8939



87.8965, 97.1383, 71.2437



56.0854, 64.4162, 52.6586



13.4727, 14.5199, 13.2532



31.2914, 37.7076, 5.6291



1.8874, 2.2744, 0.3395

Inverse Universe

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



47.5410, 47.3055, 71.5947



64.5466, 63.2441, 103.4131



52.0067, 49.6077, 71.8037



11.7428, 12.0088, 15.6365



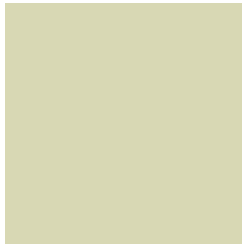
7.3367, 2.9347, 38.6329



0.4426, 0.1770, 2.3302

Previews

White Background



This preview shows how the XYZ color 61.1130, 67.0060, 52.8925 looks on a white background.

Color Contrast Check

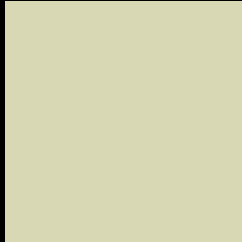
Large Text (above 18pt) WCAG AA × Fail

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 61.1130, 67.0060, 52.8925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

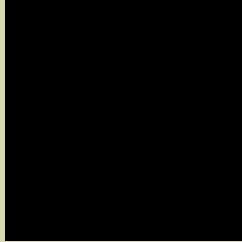
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

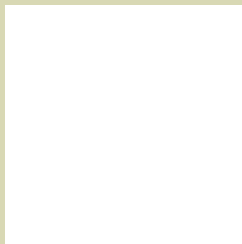
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1130, 67.0060, 52.8925

Background



This preview shows how black text looks on a background with the XYZ color 61.1130, 67.0060, 52.8925.



This preview shows how white text looks on a background with the XYZ color 61.1130, 67.0060,

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

61.1130, 67.0060, 52.8925

Protanopia

62.9823, 66.8507, 52.2318

Deuteranopia

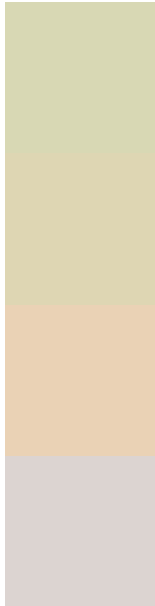
68.1710, 66.9325, 53.5822



Tritanopia

66.8983, 67.1138, 81.3798

Trichromacy



Original Color

61.1130, 67.0060, 52.8925

Protanomaly

62.3075, 66.8774, 52.2725

Deuteranomaly

65.3188, 66.9218, 53.1906

Tritanomaly

64.5673, 66.9061, 69.8327

Monochromacy



Original Color

61.1130, 67.0060, 52.8925

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.6601, 65.9048, 64.1146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1130, 67.0060, 52.8925 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, 216, 180)` looks like.

```
.text, #text, p{  
    color:rgb(216, 216, 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(216, 216, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 216, 180) }
```

Border

The CSS property to change the border of an element to XYZ 61.1130, 67.0060, 52.8925 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, 216, 180) }
```


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

```
.border{ border-color:rgb(216, 216, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 216, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 216, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 216, 180);  
box-shadow:4px 4px 4px 4px rgb(216, 216,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1130, 67.0060, 52.8925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 216, 180) }
```

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

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