

Converting Colors

XYZ(61.4634, 62.6937, 52.8228)

Have a look what the booklet for
XYZ(61.4634, 62.6937, 52.8228)
contains.

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Color

**XYZ(61.6119, 62.8528,
52.6006)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CCB5
RGB	227, 204, 181
RGB Percent	89%, 80%, 71%
CMY	0.1098, 0.2000, 0.2902
CMYK	0.00, 0.10, 0.20, 0.11
HSL	30°, 45%, 80%
HSV	30°, 20%, 89%
XYZ	61.6119, 62.8528, 52.6006
YIQ	208.2550, 21.0910, -2.2770

Conversions

Conversions Part 2

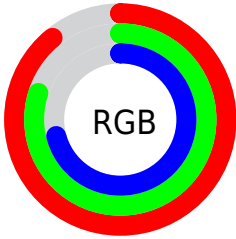
Format	Color
RYB	227, 227, 181
Decimal	14929077
CIELab	83.36, 4.43, 14.39
CIELCh	83, 15.054, 72.894
Yxy	62.8528, 0.3480, 0.3550
Android (android.graphics.Color)	4293119157 (0xFFE3CCB5)
YUV	208.2550, -13.4367, 16.4394
Hunter-Lab	79.2798, -0.0191, 16.1581

Details

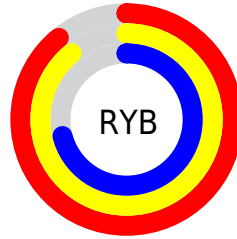
The XYZ color **61.6119, 62.8528, 52.6006** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5137, 58.5542, 81.1024**, and the grayscale version is **60.1959, 63.3308, 68.9672**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **31.5972, 32.0291, 24.9390** is the 20% darker color. If you saturate the color by 10%, you get **56.8707, 56.7988, 40.4499**, and if you desaturate by 10%, it is **66.9326, 69.4574, 66.8182**.

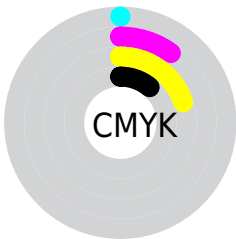
Distribution



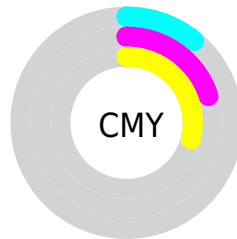
- Red (89%)
- Green (80%)
- Blue (71%)



- Red (89%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6119, 62.8528, 52.6006 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 61.6119, 62.8528, 52.6006 by changing the saturation by 10% instead.


 61.6119, 62.8528,
52.6006

 61.6119, 62.8528,
52.6006


420.2542,
435.0351, 413.7736

 44.9736, 45.7221,
37.0985


 106.2575,
108.9571, 95.4520

 31.6378, 32.0266,
24.9874


134.9956,
138.6996, 123.6383

 21.2392, 21.3818,
15.8487


168.4975,
173.4147, 156.8898

 13.4124, 13.4034,
9.2640

207.1288,
213.4870, 195.6250

 7.7921, 7.7069,
4.8146

251.2548,
259.3008, 240.2625

 4.0129, 3.9080,
2.0821

301.2407,

 1.7094, 1.6222,

311.2404, 291.2207

0.6051

357.4521,
369.6904, 348.9182

■ 0.4622, 0.3725,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6119, 62.8528,
52.6006

■ 61.6119, 62.8528,
52.6006

■ 56.8707, 56.7988,
40.4499

■ 66.9326, 69.4574,
66.8182

■ 52.6814, 51.2712,
30.2641

■ 72.8488, 76.6189,
83.1903

■ 49.0214, 46.2563,
21.9384

■ 79.3823, 84.3545,
101.8040

■ 45.8647, 41.7364,
15.3565

■ 83.7272, 91.5480,
107.8654

■ 43.1822, 37.6927,
10.3889

■ 85.4887, 95.0710,
108.4525

■ 40.9413, 34.1043,
6.8876

■ 39.1039, 30.9481,
4.6768

■ 37.6423, 28.2581,
3.4704

Harmonies

Analogous

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



64.4747, 62.8528, 56.8763



61.6119, 62.8528, 52.6006



58.3450, 62.8528, 52.3131

Triad

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



61.6119, 62.8528, 52.6006



53.8071, 62.8528, 72.5412



64.1308, 62.8528, 82.5225

Complementary

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



61.6119, 62.8528, 52.6006



54.5137, 58.5542, 81.1024

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.



61.1564, 62.8528, 87.5717



61.6119, 62.8528, 52.6006



55.2424, 62.8528, 81.4646

Square

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



61.6119, 62.8528, 52.6006



53.9189, 62.8528, 63.2652



57.9058, 62.8528, 87.1678



65.9650, 62.8528, 73.8811

Rectangle

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



61.6119, 62.8528, 52.6006



56.3835, 62.8528, 54.3774



57.9058, 62.8528, 87.1678



63.2265, 62.8528, 84.7301

Sweetspot

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



61.6136, 62.8556, 52.6019



90.2920, 94.2702, 95.6417



59.1022, 53.7391, 64.3851



19.2191, 20.0477, 20.1759



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.



61.6136, 62.8556, 52.6019



77.7200, 78.6758, 62.0109



67.4886, 74.6057, 54.5603



14.9695, 15.5529, 15.1175



22.0697, 16.7136, 2.0628



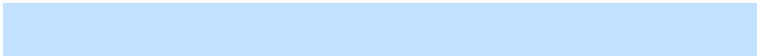
1.7238, 1.4209, 0.1834

Inverse Universe

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



54.5137, 58.5542, 81.1024



67.0085, 72.1863, 105.0094



49.4459, 48.4185, 79.4131



14.1751, 15.0716, 18.3063



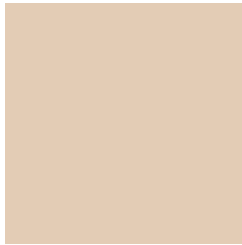
11.6780, 10.4180, 43.7786



0.9558, 0.9556, 3.2660

Previews

White Background



This preview shows how the XYZ color 61.6119, 62.8528, 52.6006 looks on a white background.

Color Contrast Check

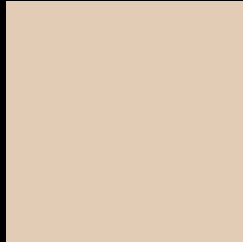
Large Text (above 18pt) WCAG AA × Fail

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 61.6119, 62.8528, 52.6006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

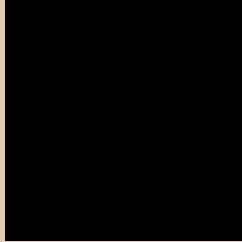
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6119, 62.8528, 52.6006

Background



This preview shows how black text looks on a background with the XYZ color 61.6119, 62.8528, 52.6006.



This preview shows how white text looks on a background with the XYZ color 61.6119, 62.8528,

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

61.6119, 62.8528, 52.6006

Protanopia

59.4753, 62.7963, 53.7859

Deuteranopia

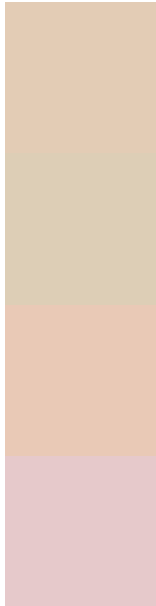
64.0228, 62.6905, 52.9821



Tritanopia

65.6442, 62.7421, 72.9406

Trichromacy



Original Color

61.6119, 62.8528, 52.6006

Protanomaly

60.3336, 62.8922, 53.2154

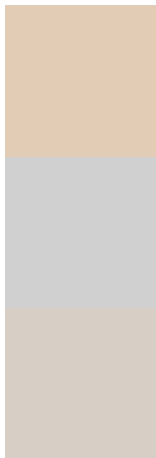
Deuteranomaly

62.9344, 62.4743, 52.9977

Tritanomaly

64.2993, 62.9081, 65.2534

Monochromacy



Original Color

61.6119, 62.8528, 52.6006

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.5302, 63.1499, 62.4250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6119, 62.8528, 52.6006 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(227, 204, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 204, 181)  
}
```

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(227, 204, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 204, 181) }
```

Border

The CSS property to change the border of an element to XYZ 61.6119, 62.8528, 52.6006 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(227, 204, 181) }
```


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

```
.border{ border-color:rgb(227, 204, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 204, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 204, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 204, 181);  
box-shadow:4px 4px 4px 4px rgb(227, 204,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6119, 62.8528, 52.6006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 204, 181) }
```

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

```
.background{ background-color: rgb(227,  
204, 181) }
```

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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