

Converting Colors

XYZ(62.0573, 63.7583, 52.3782)

Have a look what the booklet for
XYZ(62.0573, 63.7583, 52.3782)
contains.

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Color

**XYZ(61.9881, 63.7688,
52.2215)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CEB4
RGB	227, 206, 180
RGB Percent	89%, 81%, 71%
CMY	0.1098, 0.1921, 0.2941
CMYK	0.00, 0.09, 0.21, 0.11
HSL	33°, 46%, 80%
HSV	33°, 21%, 89%
XYZ	61.9881, 63.7688, 52.2215
YIQ	209.3150, 20.8620, -3.6340

Conversions

Conversions Part 2

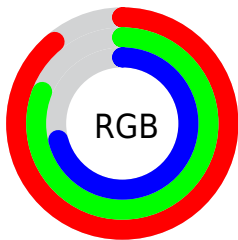
Format	Color
R_{YB}	218, 227, 180
Decimal	14929588
CIE _{Lab}	83.85, 3.24, 15.59
CIE _{LCh}	84, 15.927, 78.275
Yxy	63.7688, 0.3483, 0.3583
Android (android.graphics.Color)	4293119668 (0xFFE3CEB4)
YUV	209.3150, -14.4523, 15.5097
Hunter-Lab	79.8554, -1.1854, 17.1260

Details

The XYZ color **61.9881, 63.7688, 52.2215** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.5739, 57.0213, 80.8561**, and the grayscale version is **60.8933, 64.0645, 69.7663**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **31.8536, 32.6467, 24.7013** is the 20% darker color. If you saturate the color by 10%, you get **57.4999, 58.1947, 40.2356**, and if you desaturate by 10%, it is **67.0160, 69.8152, 66.2573**.

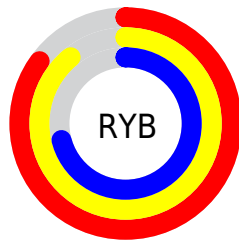
Distribution



Red (89%)

Green (81%)

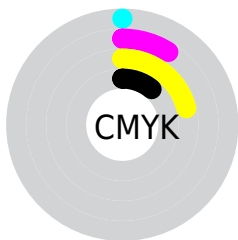
Blue (71%)



Red (85%)

Yellow (89%)

Blue (71%)

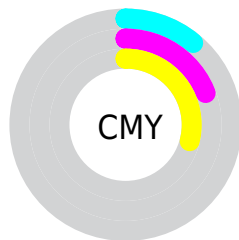


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9881, 63.7688, 52.2215 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 61.9881, 63.7688, 52.2215 by changing the saturation by 10% instead.

61.9881, 63.7688,
52.2215

61.9881, 63.7688,
52.2215

421.6059,
438.3543, 412.2724

45.2786, 46.4634,
36.7982

106.7984,
110.2779, 94.8877

31.8792, 32.6117,
24.7567

135.6299,
140.2504, 122.9677

21.4243, 21.8291,
15.6785

169.2328,
175.2142, 156.1037

13.5487, 13.7314,
9.1451

207.9725,
215.5534, 194.7143

7.8871, 7.9341,
4.7378

252.2143,
261.6527, 239.2178

4.0740, 4.0528,
2.0382

302.3236,

1.7441, 1.7031,

313.8963, 290.0330

0.5786

358.6657,
372.6687, 347.5784

■ 0.4836, 0.4257,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9881, 63.7688,
52.2215

■ 61.9881, 63.7688,
52.2215

■ 57.4999, 58.1947,
40.2356

■ 67.0160, 69.8152,
66.2573

■ 53.5249, 53.0710,
30.1975

■ 72.5986, 76.3378,
82.4302

■ 50.0419, 48.3866,
22.0025

■ 78.7563, 83.3516,
100.8274

■ 47.0258, 44.1264,
15.5343

■ 82.8573, 89.8081,
107.5754

■ 44.4489, 40.2742,
10.6631

■ 85.4888, 95.0710,
108.4525

■ 42.2800, 36.8121,
7.2404

■ 40.4822, 33.7198,
5.0893

■ 39.0881, 31.1498,
3.9523

Harmonies

Analogous

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



65.2002, 63.7688, 56.0203



61.9881, 63.7688, 52.2215



58.5246, 63.7688, 52.6942

Triad

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



61.9881, 63.7688, 52.2215



54.4425, 63.7688, 75.6536



65.7726, 63.7688, 83.0658

Complementary

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



61.9881, 63.7688, 52.2215



53.5739, 57.0213, 80.8561

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.



62.7450, 63.7688, 89.3879



61.9881, 63.7688, 52.2215



56.2411, 63.7688, 84.8329

Square

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



61.9881, 63.7688, 52.2215



54.2575, 63.7688, 65.5903



59.2531, 63.7688, 90.0640



67.4407, 63.7688, 73.4238

Rectangle

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



61.9881, 63.7688, 52.2215



56.5369, 63.7688, 55.3764



59.2531, 63.7688, 90.0640



64.8749, 63.7688, 85.6881

Sweetspot

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



61.9898, 63.7717, 52.2228



90.5419, 94.7700, 95.7250



58.5608, 53.1983, 62.5335



19.2781, 20.1658, 20.1956



0.0000, 0.0000, 0.0000



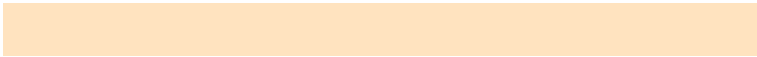
20.3446, 21.4041, 23.3091

Same Dimension

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



61.9898, 63.7717, 52.2228



78.0101, 79.7097, 60.7085



66.6502, 74.1853, 53.9873



15.0349, 15.6836, 15.1393



22.9144, 18.4029, 2.3444



1.7857, 1.5447, 0.2040

Inverse Universe

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



53.5739, 57.0213, 80.8561



65.1206, 69.3725, 104.5657



49.5614, 48.1772, 79.3605



14.1102, 14.9418, 18.2847



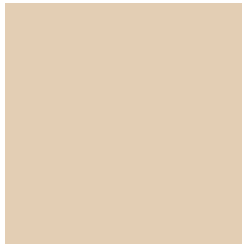
10.9357, 8.9335, 43.5311



0.8996, 0.8432, 3.2473

Previews

White Background



This preview shows how the XYZ color 61.9881, 63.7688, 52.2215 looks on a white background.

Color Contrast Check

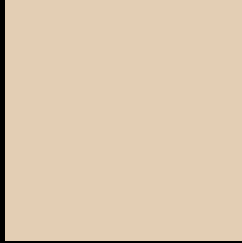
Large Text (above 18pt) WCAG AA × Fail

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 61.9881, 63.7688, 52.2215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

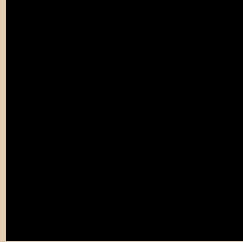
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9881, 63.7688, 52.2215

Background



This preview shows how black text looks on a background with the XYZ color 61.9881, 63.7688, 52.2215.



This preview shows how white text looks on a background with the XYZ color 61.9881, 63.7688,

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

61.9881, 63.7688, 52.2215

Protanopia

60.3544, 63.9972, 52.8877

Deuteranopia

64.8237, 63.4602, 52.5485



Tritanopia

66.5600, 63.8870, 73.7891

Trichromacy



Original Color

61.9881, 63.7688, 52.2215

Protanomaly

61.0206, 63.9775, 52.8488

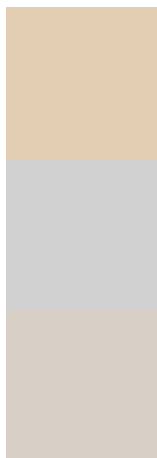
Deuteranomaly

63.9574, 63.7102, 52.6424

Tritanomaly

64.7686, 63.8467, 65.4099

Monochromacy



Original Color

61.9881, 63.7688, 52.2215

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.0678, 63.7879, 62.5198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9881, 63.7688, 52.2215 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, 206, 180)` looks like.

```
.text, #text, p{  
    color:rgb(227, 206, 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(227, 206, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 206, 180) }
```

Border

The CSS property to change the border of an element to XYZ 61.9881, 63.7688, 52.2215 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, 206, 180) }
```


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

```
.border{ border-color:rgb(227, 206, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 206, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 206, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 206, 180);  
box-shadow:4px 4px 4px 4px rgb(227, 206,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9881, 63.7688, 52.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 206, 180) }
```

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

```
.background{ background-color: rgb(227,  
206, 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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