

Converting Colors

XYZ(61.4594, 62.4919, 56.6806)

Have a look what the booklet for
XYZ(61.4594, 62.4919, 56.6806)
contains.

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Color

**XYZ(61.1735, 62.1900,
56.3566)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CBBC
RGB	224, 203, 188
RGB Percent	88%, 80%, 74%
CMY	0.1216, 0.2039, 0.2627
CMYK	0.00, 0.09, 0.16, 0.12
HSL	25°, 37%, 81%
HSV	25°, 16%, 88%
XYZ	61.1735, 62.1900, 56.3566
YIQ	207.5690, 17.3310, -0.2130

Conversions

Conversions Part 2

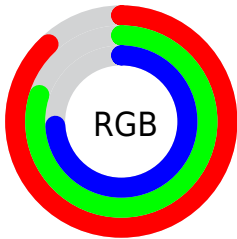
Format	Color
R _Y B	224, 214, 188
Decimal	14732220
CIE Lab	83.01, 4.91, 10.13
CIE LCh	83, 11.261, 64.149
Yxy	62.1900, 0.3404, 0.3460
Android (android.graphics.Color)	4292922300 (0xFFE0CBCB)
YUV	207.5690, -9.6475, 14.4100
Hunter-Lab	78.8606, 0.4593, 12.8317

Details

The XYZ color **61.1735, 62.1900, 56.3566** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9937, 61.6727, 79.4217**, and the grayscale version is **59.7292, 62.8398, 68.4325**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **31.4828, 31.6792, 27.3770** is the 20% darker color. If you saturate the color by 10%, you get **55.9879, 55.3875, 43.6250**, and if you desaturate by 10%, it is **66.9973, 69.6680, 71.1515**.

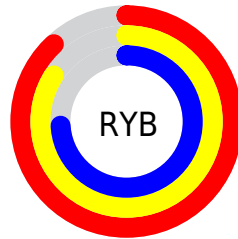
Distribution



Red (88%)

Green (80%)

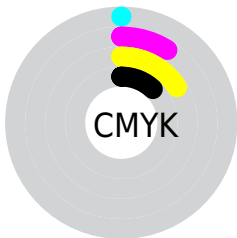
Blue (74%)



Red (88%)

Yellow (84%)

Blue (74%)

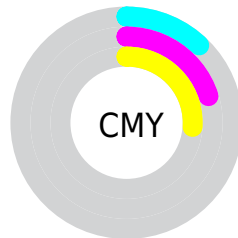


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (12%)



Cyan (12%)


Magenta (20%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1735, 62.1900, 56.3566 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 61.1735, 62.1900, 56.3566 by changing the saturation by 10% instead.


 61.1735, 62.1900,
56.3566

 61.1735, 62.1900,
56.3566


418.6756,
432.6238, 428.4600

 44.6183, 45.1862,
40.0830


 105.6268,
108.0001, 101.0168

 31.3569, 31.6041,
27.2890


134.2556,
137.5752, 130.2404

 21.0239, 21.0593,
17.5560


167.6396,
172.1096, 164.6178

 13.2540, 13.1674,
10.4656

206.1442,
211.9876, 204.5675

 7.6819, 7.5439,
5.5991

250.1348,
257.5936, 250.5080

 3.9422, 3.8045,
2.5381

299.9766,

 1.6695, 1.5648,

309.3120, 302.8579

0.8602

356.0351,
367.5273, 362.0357

■ 0.4370, 0.3337,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1735, 62.1900,
56.3566

■ 61.1735, 62.1900,
56.3566

■ 55.9879, 55.3875,
43.6250

■ 66.9973, 69.6680,
71.1515

■ 51.4118, 49.2326,
32.8598

■ 73.4766, 77.8318,
88.0927

■ 47.4218, 43.7072,
23.9623

■ 80.6017, 86.6893,
107.0923

■ 43.9906, 38.7895,
16.8234

■ 84.5507, 94.5874,
108.4086

■ 41.0886, 34.4560,
11.3227

■ 38.6830, 30.6815,
7.3244

■ 36.7361, 27.4383,
4.6702

■ 35.2029, 24.6947,
3.1639

■ 34.6868, 23.7395,
2.7540

Harmonies

Analogous

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



63.0672, 62.1900, 60.4671



61.1735, 62.1900, 56.3566



58.7718, 62.1900, 55.2091

Triad

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



61.1735, 62.1900, 56.3566



54.5647, 62.1900, 68.6885



61.7754, 62.1900, 79.4207

Complementary

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



61.1735, 62.1900, 56.3566



56.9937, 61.6727, 79.4217

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.



59.4489, 62.1900, 81.9783



61.1735, 62.1900, 56.3566



55.3214, 62.1900, 75.5186

Square

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



61.1735, 62.1900, 56.3566



54.9981, 62.1900, 62.0378



57.0929, 62.1900, 80.5039



63.4213, 62.1900, 73.7270

Rectangle

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



61.1735, 62.1900, 56.3566



57.2161, 62.1900, 56.2079



57.0929, 62.1900, 80.5039



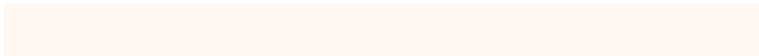
61.0447, 62.1900, 80.6928

Sweetspot

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



61.1752, 62.1928, 56.3579



90.7381, 94.5529, 97.6695



60.2330, 56.4180, 68.0374



19.2958, 20.0784, 20.5801



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.



61.1752, 62.1928, 56.3579



79.8465, 80.5409, 70.0810



65.6746, 71.1916, 57.8577



14.1742, 14.6344, 14.3844



20.2977, 14.0333, 1.6389



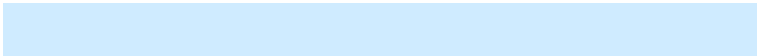
1.4938, 1.1465, 0.1426

Inverse Universe

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



56.9937, 61.6727, 79.4217



73.3096, 79.7267, 106.1327



52.8252, 53.3356, 78.0322



13.6128, 14.5648, 17.4815



12.6437, 12.7570, 42.8443



0.9642, 1.0599, 2.9990

Previews

White Background



This preview shows how the XYZ color 61.1735, 62.1900, 56.3566 looks on a white background.

Color Contrast Check

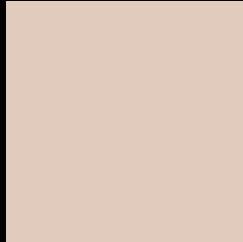
Large Text (above 18pt) WCAG AA × Fail

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 61.1735, 62.1900, 56.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

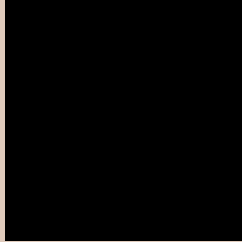
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1735, 62.1900, 56.3566

Background



This preview shows how black text looks on a background with the XYZ color 61.1735, 62.1900, 56.3566.



This preview shows how white text looks on a background with the XYZ color 61.1735, 62.1900,

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

61.1735, 62.1900, 56.3566

Protanopia

59.3899, 62.3074, 57.6115

Deuteranopia

63.2130, 61.8446, 56.7496



Tritanopia

64.3677, 62.0840, 72.8809

Trichromacy



Original Color

61.1735, 62.1900, 56.3566

Protanomaly

59.9301, 62.2422, 56.9994

Deuteranomaly

62.4727, 61.8057, 56.7811

Tritanomaly

63.0378, 61.8851, 66.3802

Monochromacy



Original Color

61.1735, 62.1900, 56.3566

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.3455, 62.6558, 64.1716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1735, 62.1900, 56.3566 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(224, 203, 188)` looks like.

```
.text, #text, p{  
    color:rgb(224, 203, 188)  
}
```

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(224, 203, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 203, 188) }
```

Border

The CSS property to change the border of an element to XYZ 61.1735, 62.1900, 56.3566 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(224, 203, 188) }
```


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

```
.border{ border-color:rgb(224, 203, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 203, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 203, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 203, 188);  
box-shadow:4px 4px 4px 4px rgb(224, 203,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1735, 62.1900, 56.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 203, 188) }
```

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

```
.background{ background-color: rgb(224,  
203, 188) }
```

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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