

Converting Colors

XYZ(56.6522, 59.3941, 61.3016)

Have a look what the booklet for
XYZ(56.6522, 59.3941, 61.3016)
contains.

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Color

**XYZ(56.6522, 59.3941,
61.3016)**

Conversions

Conversions Part 1

Format	Color
Hex	CECAC5
RGB	206, 202, 197
RGB Percent	81%, 79%, 77%
CMY	0.1922, 0.2078, 0.2274
CMYK	0.00, 0.02, 0.04, 0.19
HSL	33°, 8%, 79%
HSV	33°, 4%, 81%
XYZ	56.6522, 59.3941, 61.3016
YIQ	202.6260, 3.9890, -0.7070

Conversions

Conversions Part 2

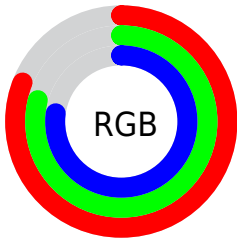
Format	Color
R_{YB}	204, 206, 197
Decimal	13552325
CIE Lab	81.51, 0.50, 2.97
CIE LCh	82, 3.012, 80.532
Yxy	59.3941, 0.3194, 0.3349
Android (android.graphics.Color)	4291742405 (0xFFCECAC5)
YUV	202.6260, -2.7736, 2.9590
Hunter-Lab	77.0676, -3.6533, 6.7864

Details

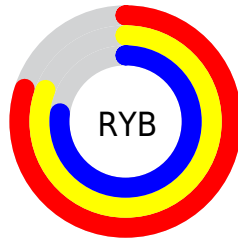
The XYZ color **56.6522, 59.3941, 61.3016** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0532, 58.0990, 66.7060**, and the grayscale version is **56.5468, 59.4916, 64.7863**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **28.4967, 29.8384, 30.2440** is the 20% darker color. If you saturate the color by 10%, you get **52.3687, 54.3495, 49.0131**, and if you desaturate by 10%, it is **61.3889, 64.8273, 75.3340**.

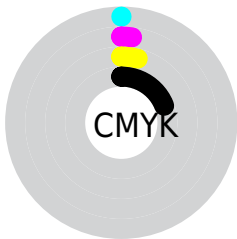
Distribution



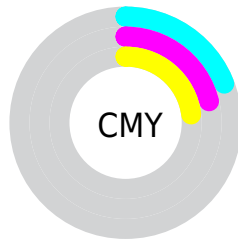
- Red (81%)
- Green (79%)
- Blue (77%)



- Red (80%)
- Yellow (81%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6522, 59.3941, 61.3016 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 56.6522, 59.3941, 61.3016 by changing the saturation by 10% instead.

■ 56.6522, 59.3941,
61.3016

■ 56.6522, 59.3941,
61.3016

402.1801,
422.3608, 447.3161

■ 40.9651, 42.9304,
44.0365

99.0918, 103.9502,
108.2773

■ 28.4794, 29.8305,
30.3618

126.5751,
132.8115, 138.8249

■ 18.8296, 19.7100,
19.8590

158.7211,
166.5741, 174.6372

■ 11.6505, 12.1844,
12.1095

195.8952,
205.6224, 216.1325

■ 6.5767, 6.8694,
6.6949

238.4628,
250.3409, 263.7296

■ 3.2428, 3.3806,
3.1965

286.7893,

■ 1.2834, 1.3335,

301.1138, 317.8468

1.1958

341.2399,
358.3257, 378.9028

■ 0.1707, 0.1669,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6522, 59.3941,
61.3016

■ 56.6522, 59.3941,
61.3016

■ 52.3687, 54.3495,
49.0131

■ 61.3889, 64.8273,
75.3340

■ 48.5183, 49.6764,
38.3956

■ 66.5881, 70.6507,
91.1717

■ 45.0864, 45.3671,
29.3764

■ 71.6471, 76.6282,
105.6223

■ 42.0558, 41.4112,
21.8761

■ 74.2518, 81.8376,
106.4905

■ 39.4080, 37.7973,
15.8084

■ 76.9919, 87.3179,
107.4039

■ 37.1225, 34.5136,
11.0784

■ 79.2640, 91.8620,
108.1612

■ 35.1767, 31.5467,
7.5793

■ 33.5449, 28.8823,
5.1877

■ 32.1959, 26.5035,
3.7539

Harmonies

Analogous

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



57.2273, 59.3941, 62.0236



56.6522, 59.3941, 61.3016



56.0277, 59.3941, 61.4691

Triad

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



56.6522, 59.3941, 61.3016



55.3233, 59.3941, 65.8969



57.3945, 59.3941, 66.9049

Complementary

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



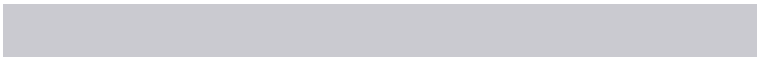
56.6522, 59.3941, 61.3016



55.0532, 58.0990, 66.7060

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.



56.8791, 59.3941, 67.9803



56.6522, 59.3941, 61.3016



55.6843, 59.3941, 67.3908

Square

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



56.6522, 59.3941, 61.3016



55.2635, 59.3941, 64.1000



56.2529, 59.3941, 68.1597



57.6580, 59.3941, 65.2436

Rectangle

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



56.6522, 59.3941, 61.3016



55.6672, 59.3941, 62.0639



56.2529, 59.3941, 68.1597



57.2448, 59.3941, 67.3482

Sweetspot

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



56.6539, 59.3967, 61.3029



94.2819, 99.1165, 106.6320



55.9692, 57.2746, 63.3952



20.1883, 21.2244, 22.8475



0.0000, 0.0000, 0.0000



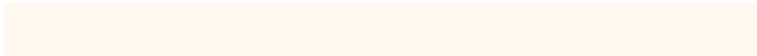
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6539, 59.3967, 61.3029



91.2850, 95.6466, 97.8518



57.4790, 61.2322, 61.6137



12.0739, 12.6444, 12.8416



19.5137, 15.7604, 2.0136



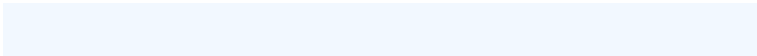
1.0816, 0.9630, 0.1289

Inverse Universe

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



55.0532, 58.0990, 66.7060



88.2940, 93.2219, 107.9478



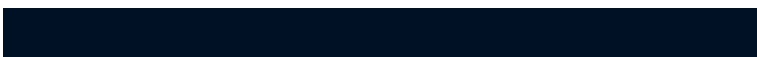
54.2516, 56.3208, 66.4050



11.6333, 12.2872, 14.3289



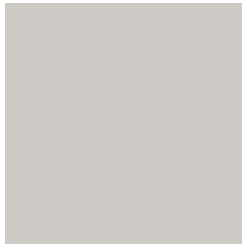
9.2821, 7.5883, 36.9317



0.5541, 0.5420, 1.9303

Previews

White Background



This preview shows how the XYZ color 56.6522, 59.3941, 61.3016 looks on a white background.

Color Contrast Check

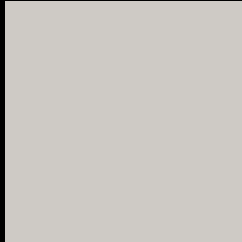
Large Text (above 18pt) WCAG AA × Fail

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 56.6522, 59.3941, 61.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

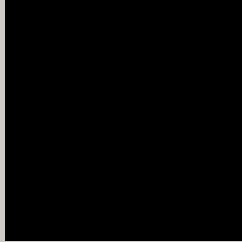
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

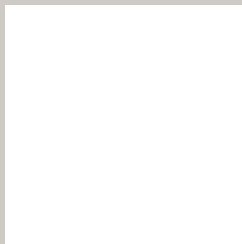
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6522, 59.3941, 61.3016

Background



This preview shows how black text looks on a background with the XYZ color 56.6522, 59.3941, 61.3016.

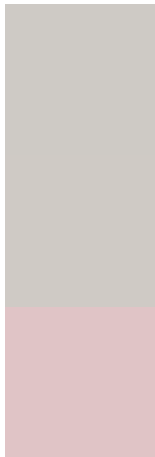


This preview shows how white text looks on a background with the XYZ color 56.6522, 59.3941,

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

56.6522, 59.3941, 61.3016

Protanopia

56.9307, 59.5377, 61.3147

Deuteranopia

60.6734, 59.4044, 61.6944



Tritanopia

58.9837, 59.3085, 72.6289

Trichromacy



Original Color

56.6522, 59.3941, 61.3016

Protanomaly

56.9307, 59.5377, 61.3147

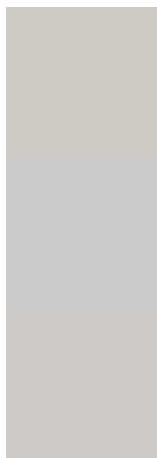
Deuteranomaly

59.0024, 59.2171, 61.7464

Tritanomaly

58.0519, 59.2725, 68.0556

Monochromacy



Original Color

56.6522, 59.3941, 61.3016

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8004, 59.7663, 63.8007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6522, 59.3941, 61.3016 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(206, 202, 197) looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 197)  
}
```

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(206, 202, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 197) }
```

Border

The CSS property to change the border of an element to XYZ 56.6522, 59.3941, 61.3016 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(206, 202, 197) }
```


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

```
.border{ border-color:rgb(206, 202, 197) }
```

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

Here you see how a box with a 4 pixel rgb(206, 202, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 202, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 202, 197);  
box-shadow:4px 4px 4px 4px rgb(206, 202,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6522, 59.3941, 61.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 202, 197) }
```

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

```
.background{ background-color: rgb(206,  
202, 197) }
```

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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