

Converting Colors

XYZ(66.2251, 69.1777, 56.8759)

Have a look what the booklet for
XYZ(66.2251, 69.1777, 56.8759)
contains.

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Color

**XYZ(66.2251, 69.1777,
56.8759)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D7BB
RGB	231, 215, 187
RGB Percent	91%, 84%, 73%
CMY	0.0941, 0.1568, 0.2667
CMYK	0.00, 0.07, 0.19, 0.09
HSL	38°, 48%, 82%
HSV	38°, 19%, 91%
XYZ	66.2251, 69.1777, 56.8759
YIQ	216.5920, 18.5240, -5.3160

Conversions

Conversions Part 2

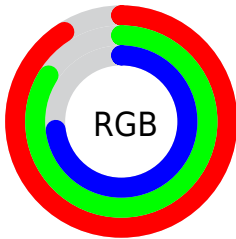
Format	Color
R_{YB}	212, 231, 187
Decimal	15194043
CIE Lab	86.59, 1.06, 15.81
CIE LCh	87, 15.846, 86.166
Yxy	69.1777, 0.3444, 0.3598
Android (android.graphics.Color)	4293384123 (0xFFE7D7BB)
YUV	216.5920, -14.5889, 12.6358
Hunter-Lab	83.1731, -3.4256, 17.6772

Details

The XYZ color **66.2251, 69.1777, 56.8759** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.2729, 59.0448, 84.0327**, and the grayscale version is **65.7634, 69.1883, 75.3460**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **34.5531, 35.9768, 27.6773** is the 20% darker color. If you saturate the color by 10%, you get **61.8652, 64.1019, 44.1877**, and if you desaturate by 10%, it is **71.0963, 74.6384, 71.6987**.

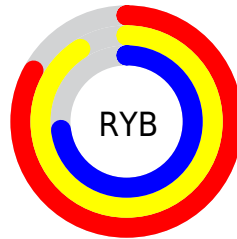
Distribution



Red (91%)

Green (84%)

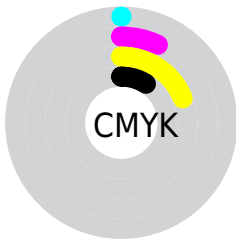
Blue (73%)



Red (83%)

Yellow (91%)

Blue (73%)

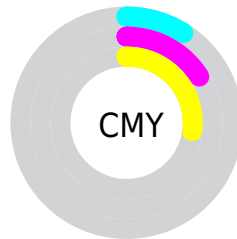


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (9%)



Cyan (9%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2251, 69.1777, 56.8759 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 66.2251, 69.1777, 56.8759 by changing the saturation by 10% instead.


 66.2251, 69.1777,
56.8759

 66.2251, 69.1777,
56.8759

436.6574,
457.6575, 430.4648

 48.7235, 50.8564,
40.4969


 112.8653,
118.0353, 101.7826

 34.6139, 36.0944,
27.6095


142.7346,
149.3405, 131.1474

 23.5307, 24.5071,
17.7950


177.4573,
185.7425, 165.6780

 15.1087, 15.7102,
10.6350

217.3986,
227.6256, 205.7927

 8.9825, 9.3193,
5.7109

262.9239,
275.3742, 251.9102

 4.7868, 4.9500,
2.6042

314.3986,

 2.1562, 2.2180,

329.3728, 304.4491

0.8946

372.1880,
390.0058, 363.8278

■ 0.7195, 0.7298,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.2251, 69.1777,
56.8759

■ 66.2251, 69.1777,
56.8759

■ 61.8652, 64.1019,
44.1877

■ 71.0963, 74.6384,
71.6987

■ 57.9905, 59.3908,
33.5291

■ 76.4926, 80.4849,
88.7456

■ 54.5805, 55.0360,
24.7930

■ 82.2237, 86.6461,
106.9984

■ 51.6112, 51.0251,
17.8604

■ 84.7561, 91.7108,
107.8426

■ 49.0558, 47.3446,
12.5988

■ 86.7652, 95.7290,
108.5123

■ 46.8838, 43.9794,
8.8578

■ 45.0599, 40.9124,
6.4588

■ 43.5298, 38.1190,
5.1266

■ 43.3929, 37.8644,
5.0215

Harmonies

Analogous

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



69.7661, 69.1777, 59.7274



66.2251, 69.1777, 56.8759



62.6833, 69.1777, 58.5753

Triad

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



66.2251, 69.1777, 56.8759



59.6090, 69.1777, 84.6071



71.7994, 69.1777, 87.1659

Complementary

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



66.2251, 69.1777, 56.8759



56.2729, 59.0448, 84.0327

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.



68.9179, 69.1777, 94.9921



66.2251, 69.1777, 56.8759



61.8936, 69.1777, 93.4208

Square

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



66.2251, 69.1777, 56.8759



58.9477, 69.1777, 73.9772



65.2798, 69.1777, 97.3806



73.0592, 69.1777, 76.6845

Rectangle

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



66.2251, 69.1777, 56.8759



60.7831, 69.1777, 62.1544



65.2798, 69.1777, 97.3806



70.9832, 69.1777, 90.2309

Sweetspot

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



66.2269, 69.1808, 56.8774



90.9349, 95.5559, 95.8560



61.5214, 56.8486, 64.3144



19.3711, 20.3517, 20.2265



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.



66.2269, 69.1808, 56.8774



80.5752, 83.9246, 64.3860



68.6391, 76.7692, 58.2149



15.1380, 15.8898, 15.1736



24.4485, 21.4711, 2.8558



1.8942, 1.7618, 0.2402

Inverse Universe

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



56.2729, 59.0448, 84.0327



65.8922, 68.9750, 104.4484



54.1533, 52.6311, 82.9064



14.0096, 14.7406, 18.2512



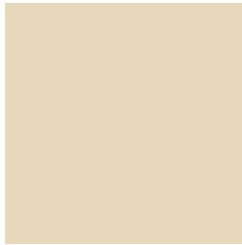
9.9702, 7.0024, 43.2093



0.8227, 0.6893, 3.2217

Previews

White Background



This preview shows how the XYZ color 66.2251, 69.1777, 56.8759 looks on a white background.

Color Contrast Check

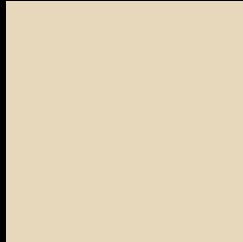
Large Text (above 18pt) WCAG AA × Fail

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 66.2251, 69.1777, 56.8759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

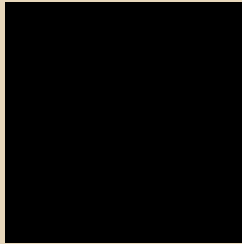
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

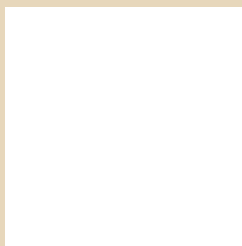
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2251, 69.1777, 56.8759

Background



This preview shows how black text looks on a background with the XYZ color 66.2251, 69.1777, 56.8759.



This preview shows how white text looks on a background with the XYZ color 66.2251, 69.1777,

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

66.2251, 69.1777, 56.8759

Protanopia

65.3115, 69.0735, 57.4672

Deuteranopia

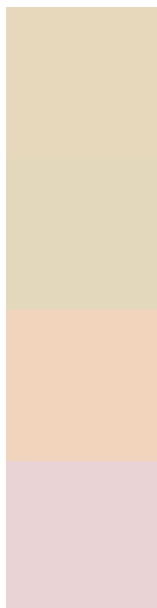
70.5890, 69.1882, 57.2112



Tritanopia

71.1200, 68.9248, 81.5069

Trichromacy



Original Color

66.2251, 69.1777, 56.8759

Protanomaly

65.6279, 69.2366, 57.4820

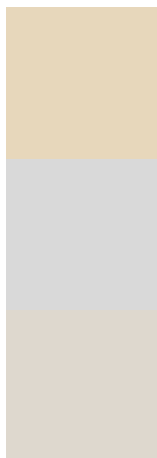
Deuteranomaly

68.9893, 69.0966, 57.2778

Tritanomaly

69.1096, 68.8344, 71.9313

Monochromacy



Original Color

66.2251, 69.1777, 56.8759

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.8206, 69.0976, 68.2606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2251, 69.1777, 56.8759 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(231, 215, 187)` looks like.

```
.text, #text, p{  
    color:rgb(231, 215, 187)  
}
```

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(231, 215, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 215, 187) }
```

Border

The CSS property to change the border of an element to XYZ 66.2251, 69.1777, 56.8759 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(231, 215, 187) }
```


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

```
.border{ border-color:rgb(231, 215, 187) }
```

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

Here you see how a box with a 4 pixel rgb(231, 215, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 215, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 215, 187);  
box-shadow:4px 4px 4px 4px rgb(231, 215,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2251, 69.1777, 56.8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 215, 187) }
```

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

```
.background{ background-color: rgb(231,  
215, 187) }
```

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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