

Converting Colors

XYZ(56.3935, 56.1736, 33.0696)

Have a look what the booklet for
XYZ(56.3935, 56.1736, 33.0696)
contains.

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Color

**XYZ(56.3935, 56.1736,
33.0696)**

Conversions

Conversions Part 1

Format	Color
Hex	E7BF8D
RGB	231, 191, 141
RGB Percent	91%, 75%, 55%
CMY	0.0941, 0.2510, 0.4471
CMYK	0.00, 0.17, 0.39, 0.09
HSL	33°, 65%, 73%
HSV	33°, 39%, 91%
XYZ	56.3935, 56.1736, 33.0696
YIQ	197.2600, 39.8900, -7.0700

Conversions

Conversions Part 2

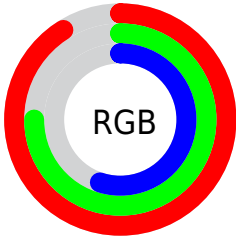
Format	Color
R _Y B	213, 231, 141
Decimal	15187853
CIE Lab	79.71, 7.59, 30.58
CIE LCh	80, 31.513, 76.059
Yxy	56.1736, 0.3872, 0.3857
Android (android.graphics.Color)	4293377933 (0xFFE7BF8D)
YUV	197.2600, -27.7362, 29.5900
Hunter-Lab	74.9490, 3.1469, 26.3039

Details

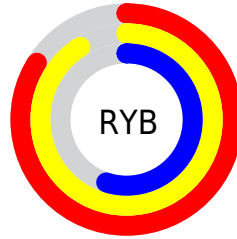
The XYZ color **56.3935, 56.1736, 33.0696** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.9316, 44.4784, 81.9764**, and the grayscale version is **53.3748, 56.1544, 61.1521**.

A 20% lighter version of the original color is **84.3511, 91.7217, 64.8880**, and **28.3895, 27.9138, 13.5645** is the 20% darker color. If you saturate the color by 10%, you get **52.6903, 51.2369, 24.2216**, and if you desaturate by 10%, it is **60.6149, 61.5728, 43.8601**.

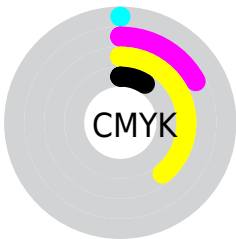
Distribution



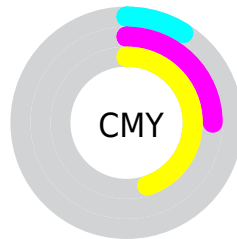
- Red (91%)
- Green (75%)
- Blue (55%)



- Red (84%)
- Yellow (91%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (39%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3935, 56.1736, 33.0696 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 56.3935, 56.1736, 33.0696 by changing the saturation by 10% instead.


 56.3935, 56.1736,
33.0696


 56.3935, 56.1736,
33.0696


401.2238,
410.3454, 330.6049


 40.7567, 40.3421,
21.9082


 98.7162, 99.2584,
65.6014

 28.3159, 27.8054,
13.5918


 126.1328,
127.2804, 87.8090

 18.7056, 18.1790,
7.7018


 158.2067,
160.1348, 114.5356

 11.5605, 11.0786,
3.8197

195.3033,
198.2059, 146.2000

 6.5152, 6.1197,
1.5270

237.7880,
241.8781, 183.2205

 3.2044, 2.9180,
0.2379

286.0261,

 1.2628, 1.0891,

291.5359, 226.0158

0.0000

340.3829,
347.5635, 275.0044

■ 0.1551, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3935, 56.1736,
33.0696

■ 56.3935, 56.1736,
33.0696

■ 52.6903, 51.2369,
24.2216

■ 60.6149, 61.5728,
43.8601

■ 49.4755, 46.7395,
17.1933

■ 65.3740, 67.4410,
56.6988

■ 46.7222, 42.6674,
11.8531

■ 70.6942, 73.7945,
71.6878

■ 44.3985, 39.0023,
8.0500

■ 76.5960, 80.6462,
88.9212

■ 42.4672, 35.7238,
5.6055

■ 82.8562, 87.9113,
107.2093

■ 40.8730, 32.8040,
4.2465

■ 86.0034, 94.2059,
108.2584

■ 40.7194, 32.5178,
4.1304

■ 86.7650, 95.7289,
108.5123

Harmonies

Analogous

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



62.3391, 56.1736, 39.2434



56.3935, 56.1736, 33.0696



50.0779, 56.1736, 33.2926

Triad

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



56.3935, 56.1736, 33.0696



42.4759, 56.1736, 71.3774



62.6944, 56.1736, 88.8421

Complementary

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



56.3935, 56.1736, 33.0696



41.9316, 44.4784, 81.9764

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.



56.8478, 56.1736, 101.3926



56.3935, 56.1736, 33.0696



45.3435, 56.1736, 90.0220

Square

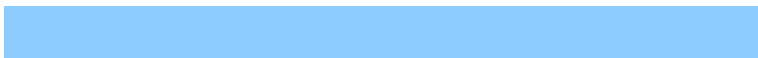
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.3935, 56.1736, 33.0696



42.3755, 56.1736, 53.1042



50.4976, 56.1736, 101.8629



66.1677, 56.1736, 69.9995

Rectangle

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



56.3935, 56.1736, 33.0696



46.5087, 56.1736, 36.9851



50.4976, 56.1736, 101.8629



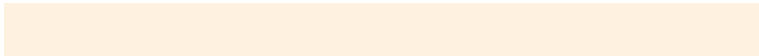
60.9216, 56.1736, 94.0875

Sweetspot

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



56.3949, 56.1762, 33.0707



86.3232, 89.8123, 83.5915



50.8721, 39.3960, 48.9090



18.2871, 18.9979, 17.3553



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.



56.3949, 56.1762, 33.0707



66.6834, 65.1328, 32.0344



64.9048, 75.3246, 36.3182



15.0377, 15.6893, 15.1402



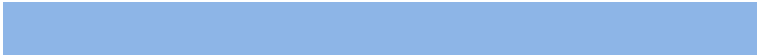
22.9537, 18.4815, 2.3575



1.7885, 1.5504, 0.2050

Inverse Universe

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



41.9316, 44.4784, 81.9764



46.1367, 48.5251, 101.5424



35.7146, 30.8852, 79.6803



14.1074, 14.9362, 18.2838



10.9055, 8.8732, 43.5211



0.8973, 0.8385, 3.2465

Previews

White Background



This preview shows how the XYZ color 56.3935, 56.1736, 33.0696 looks on a white background.

Color Contrast Check

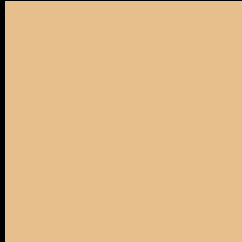
Large Text (above 18pt) WCAG AA × Fail

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 56.3935, 56.1736, 33.0696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

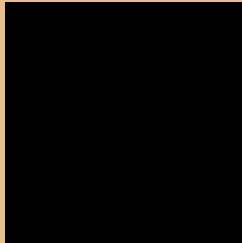
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3935, 56.1736, 33.0696

Background



This preview shows how black text looks on a background with the XYZ color 56.3935, 56.1736, 33.0696.



This preview shows how white text looks on a background with the XYZ color 56.3935, 56.1736,

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

56.3935, 56.1736, 33.0696

Protanopia

52.6687, 56.5479, 34.5245

Deuteranopia

57.2663, 55.9804, 32.9864



Tritanopia

62.2586, 56.3627, 61.0238

Trichromacy



Original Color

56.3935, 56.1736, 33.0696

Protanomaly

53.9882, 56.2290, 33.9944

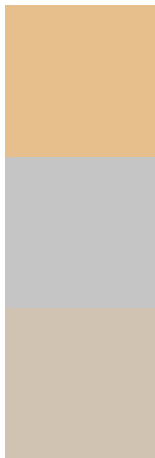
Deuteranomaly

57.1529, 56.2424, 33.0429

Tritanomaly

59.9671, 56.3771, 49.3162

Monochromacy



Original Color

56.3935, 56.1736, 33.0696

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.7454, 55.7598, 49.5250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3935, 56.1736, 33.0696 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, 191, 141)` looks like.

```
.text, #text, p{  
    color:rgb(231, 191, 141)  
}
```

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, 191, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 191, 141) }
```

Border

The CSS property to change the border of an element to XYZ 56.3935, 56.1736, 33.0696 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, 191, 141) }
```


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

```
.border{ border-color:rgb(231, 191, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 191, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 191, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 191, 141); box-shadow:4px 4px 4px 4px rgb(231, 191, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3935, 56.1736, 33.0696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 191, 141) }
```

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

```
.background{ background-color: rgb(231,  
191, 141) }
```

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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