

Converting Colors

XYZ(56.9288, 56.2947, 35.4226)

Have a look what the booklet for
XYZ(56.9288, 56.2947, 35.4226)
contains.

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Color

**XYZ(56.8523, 56.3571,
35.4853)**

Conversions

Conversions Part 1

Format	Color
Hex	E7BF93
RGB	231, 191, 147
RGB Percent	91%, 75%, 58%
CMY	0.0941, 0.2510, 0.4235
CMYK	0.00, 0.17, 0.36, 0.09
HSL	31°, 64%, 74%
HSV	31°, 36%, 91%
XYZ	56.8523, 56.3571, 35.4853
YIQ	197.9440, 37.9640, -5.2040

Conversions

Conversions Part 2

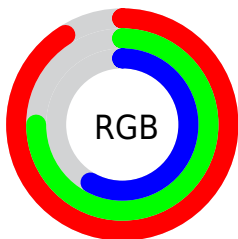
Format	Color
R _Y B	223, 231, 147
Decimal	15187859
CIE Lab	79.82, 8.28, 27.57
CIE LCh	80, 28.783, 73.283
Yxy	56.3571, 0.3823, 0.3790
Android (android.graphics.Color)	4293377939 (0xFFE7BF93)
YUV	197.9440, -25.1154, 28.9901
Hunter-Lab	75.0714, 3.8050, 24.5243

Details

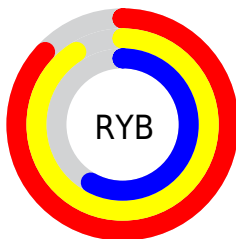
The XYZ color **56.8523, 56.3571, 35.4853** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.2263, 47.5117, 82.4412**, and the grayscale version is **53.7753, 56.5758, 61.6111**.

A 20% lighter version of the original color is **85.0434, 91.9986, 68.5336**, and **28.6554, 28.0202, 14.9645** is the 20% darker color. If you saturate the color by 10%, you get **52.9096, 51.0871, 26.1083**, and if you desaturate by 10%, it is **61.3420, 62.1382, 46.8415**.

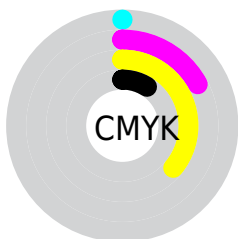
Distribution



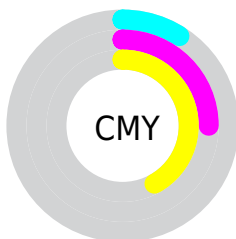
- Red (91%)
- Green (75%)
- Blue (58%)



- Red (87%)
- Yellow (91%)
- Blue (58%)



- Cyan (0%)
- Magenta (17%)
- Yellow (36%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8523, 56.3571, 35.4853 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 56.8523, 56.3571, 35.4853 by changing the saturation by 10% instead.


 56.8523, 56.3571,
35.4853


 56.8523, 56.3571,
35.4853


402.9188,
411.0359, 341.6744

 41.1263, 40.4893,
23.7504


 99.3822, 99.5265,
69.3970

 28.6059, 27.9203,
14.9381


 126.9169,
127.5969, 92.4108

 18.9257, 18.2656,
8.6298


159.1186,
160.5036, 120.0214

 11.7203, 11.1408,
4.4070

196.3526,
198.6311, 152.6473

 6.6244, 6.1616,
1.8512

238.9842,
242.3636, 190.7070

 3.2725, 2.9436,
0.4614

287.3789,

 1.2995, 1.1024,

292.0857, 234.6190

0.0000

341.9020,
348.1816, 284.8020

■ 0.1828, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8523, 56.3571,
35.4853

■ 56.8523, 56.3571,
35.4853

■ 52.9096, 51.0871,
26.1083

■ 61.3420, 62.1382,
46.8415

■ 49.4839, 46.3037,
18.5905

■ 66.3983, 68.4383,
60.2805

■ 46.5481, 41.9918,
12.8036

■ 72.0449, 75.2747,
75.9028

■ 44.0706, 38.1319,
8.6020

■ 78.3030, 82.6617,
93.8012

■ 42.0150, 34.7024,
5.8150

■ 83.9606, 90.1200,
107.5774

■ 40.3365, 31.6781,
4.2298

■ 86.7651, 95.7290,
108.5123

■ 39.7941, 30.6670,
3.8219

Harmonies

Analogous

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



62.1394, 56.3571, 41.8953



56.8523, 56.3571, 35.4853



51.0336, 56.3571, 35.1410

Triad

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



56.8523, 56.3571, 35.4853



43.3884, 56.3571, 69.0315



61.6168, 56.3571, 87.7998

Complementary

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



56.8523, 56.3571, 35.4853



44.2263, 47.5117, 82.4412

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.



56.1803, 56.3571, 98.1725



56.8523, 56.3571, 35.4853



45.8194, 56.3571, 86.0849

Square

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



56.8523, 56.3571, 35.4853



43.5396, 56.3571, 52.5917



50.4083, 56.3571, 97.4934



65.0238, 56.3571, 71.0597

Rectangle

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



56.8523, 56.3571, 35.4853



47.6519, 56.3571, 38.2657



50.4083, 56.3571, 97.4934



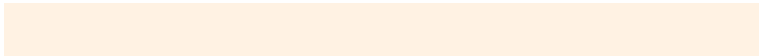
59.9497, 56.3571, 92.2719

Sweetspot

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



56.8537, 56.3597, 35.4864



86.7446, 90.0961, 85.4552



52.4232, 41.4706, 52.5933



18.3616, 19.0354, 17.7237



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.



56.8537, 56.3597, 35.4864



67.2044, 65.2804, 34.9656



66.3475, 76.0155, 38.7800



14.9986, 15.6112, 15.1272



22.4343, 17.4428, 2.1844



1.7507, 1.4748, 0.1924

Inverse Universe

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



44.2263, 47.5117, 82.4412



49.1331, 52.6219, 102.1752



37.1433, 32.9709, 80.0078



14.1461, 15.0135, 18.2967



11.3339, 9.7298, 43.6639



0.9300, 0.9040, 3.2574

Previews

White Background



This preview shows how the XYZ color 56.8523, 56.3571, 35.4853 looks on a white background.

Color Contrast Check

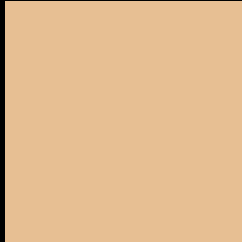
Large Text (above 18pt) WCAG AA × Fail

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 56.8523, 56.3571, 35.4853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

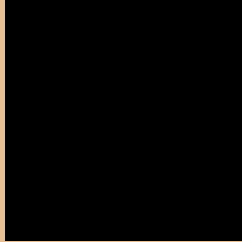
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8523, 56.3571, 35.4853

Background



This preview shows how black text looks on a background with the XYZ color 56.8523, 56.3571, 35.4853.



This preview shows how white text looks on a background with the XYZ color 56.8523, 56.3571,

35.4853.

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

56.8523, 56.3571, 35.4853

Protanopia

52.8505, 56.5872, 36.9911

Deuteranopia

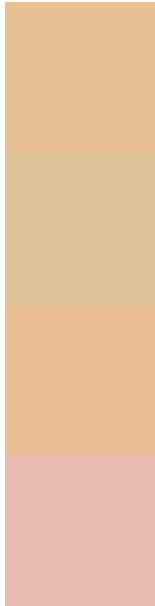
57.6116, 56.4259, 35.4586



Tritanopia

61.9256, 56.1911, 61.0082

Trichromacy



Original Color

56.8523, 56.3571, 35.4853

Protanomaly

54.1533, 56.2602, 36.4389

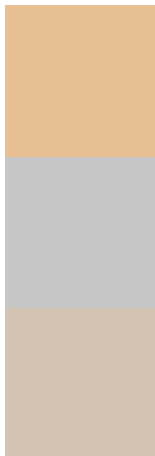
Deuteranomaly

57.2842, 56.2571, 35.4433

Tritanomaly

59.8387, 56.2877, 50.3586

Monochromacy



Original Color

56.8523, 56.3571, 35.4853

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.2301, 55.9865, 50.5961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8523, 56.3571, 35.4853 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(231, 191, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 191, 147) }
```

Border

The CSS property to change the border of an element to XYZ 56.8523, 56.3571, 35.4853 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, 147) }
```


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

```
.border{ border-color:rgb(231, 191, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 191, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 191, 147);  
box-shadow:4px 4px 4px 4px rgb(231, 191,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8523, 56.3571, 35.4853 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, 147) }
```

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

```
.background{ background-color: rgb(231,  
191, 147) }
```

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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