

Converting Colors

XYZ(56.3919, 55.7880, 35.8130)

Have a look what the booklet for
XYZ(56.3919, 55.7880, 35.8130)
contains.

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Color

**XYZ(56.3919, 55.7880,
35.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BE94
RGB	230, 190, 148
RGB Percent	90%, 75%, 58%
CMY	0.0980, 0.2549, 0.4196
CMYK	0.00, 0.17, 0.36, 0.10
HSL	31°, 62%, 74%
HSV	31°, 36%, 90%
XYZ	56.3919, 55.7880, 35.8130
YIQ	197.1720, 37.3220, -4.5820

Conversions

Conversions Part 2

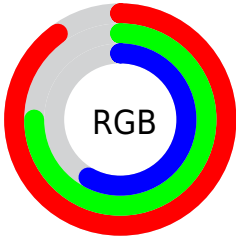
Format	Color
R _Y B	226, 230, 148
Decimal	15122068
CIE Lab	79.49, 8.53, 26.59
CIE LCh	79, 27.923, 72.204
Yxy	55.7880, 0.3810, 0.3770
Android (android.graphics.Color)	4293312148 (0xFFE6BE94)
YUV	197.1720, -24.2418, 28.7902
Hunter-Lab	74.6914, 4.0574, 23.8556

Details

The XYZ color **56.3919, 55.7880, 35.8130** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.4784, 47.9741, 81.7787**, and the grayscale version is **53.3021, 56.0780, 61.0689**.

A 20% lighter version of the original color is **84.8564, 91.4358, 69.0536**, and **28.3369, 27.6386, 15.1505** is the 20% darker color. If you saturate the color by 10%, you get **52.4125, 50.4589, 26.3797**, and if you desaturate by 10%, it is **60.9229, 61.6411, 47.2159**.

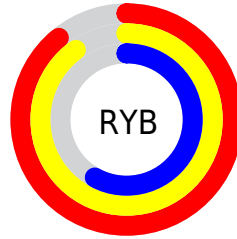
Distribution



Red (90%)

Green (75%)

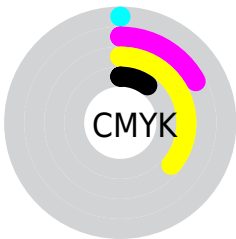
Blue (58%)



Red (89%)

Yellow (90%)

Blue (58%)

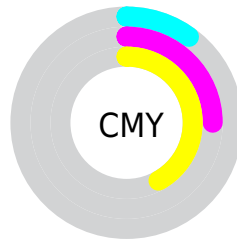


Cyan (0%)

Magenta (17%)

Yellow (36%)

Black (10%)



Cyan (10%)


Magenta (25%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3919, 55.7880, 35.8130 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 56.3919, 55.7880, 35.8130 by changing the saturation by 10% instead.


 56.3919, 55.7880,
35.8130


 56.3919, 55.7880,
35.8130


401.2179,
408.8921, 343.1551

 40.7555, 40.0330,
24.0013


 98.7138, 98.6945,
69.9091

 28.3149, 27.5643,
15.1223

 126.1300,
126.6149, 93.0306

 18.7048, 17.9974,
8.7577


158.2035,
159.3590, 120.7591

 11.5599, 10.9482,
4.4888

195.2997,
197.3115, 153.5130

 6.5148, 6.0320,
1.8972

237.7838,
240.8567, 191.7111

 3.2042, 2.8645,
0.4909

286.0213,

 1.2626, 1.0614,

290.3789, 235.7718

0.0000

340.3776,
346.2625, 286.1136

■ 0.1550, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3919, 55.7880,
35.8130

■ 56.3919, 55.7880,
35.8130

■ 52.4125, 50.4589,
26.3797

■ 60.9229, 61.6411,
47.2159

■ 48.9548, 45.6289,
18.7979

■ 66.0251, 68.0265,
60.6905

■ 45.9920, 41.2826,
12.9418

■ 71.7222, 74.9618,
76.3358

■ 43.4928, 37.4001,
8.6682

■ 78.0352, 82.4615,
94.2433

■ 41.4211, 33.9595,
5.8107

■ 83.6683, 90.0134,
107.5723

■ 39.7334, 30.9357,
4.1642

■ 86.4432, 95.5630,
108.4972

■ 39.0902, 29.7372,
3.6796

Harmonies

Analogous

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



61.4271, 55.7880, 42.2578



56.3919, 55.7880, 35.8130



50.7762, 55.7880, 35.2670

Triad

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



56.3919, 55.7880, 35.8130



43.1612, 55.7880, 67.5137



60.6095, 55.7880, 86.6339

Complementary

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



56.3919, 55.7880, 35.8130



44.4784, 47.9741, 81.7787

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.



55.3388, 55.7880, 96.2348



56.3919, 55.7880, 35.8130



45.4260, 55.7880, 83.9601

Square

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



56.3919, 55.7880, 35.8130



43.3993, 55.7880, 51.7789



49.7945, 55.7880, 95.1780



63.9777, 55.7880, 70.6876

Rectangle

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



56.3919, 55.7880, 35.8130



47.4792, 55.7880, 38.1659



49.7945, 55.7880, 95.1780



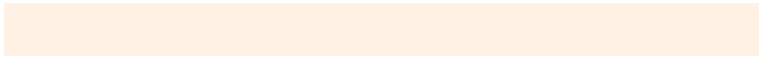
58.9863, 55.7880, 90.8270

Sweetspot

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



56.3933, 55.7906, 35.8141



86.6480, 89.9027, 85.4230



52.4088, 41.6776, 53.4270



18.3386, 18.9894, 17.7160



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.



56.3933, 55.7906, 35.8141



67.3856, 65.3307, 35.9883



66.2755, 75.5549, 39.1082



14.9844, 15.5827, 15.1224



22.2536, 17.0814, 2.1241



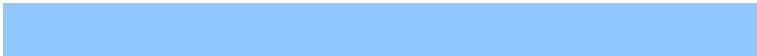
1.7374, 1.4481, 0.1879

Inverse Universe

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



44.4784, 47.9741, 81.7787



50.1735, 54.0409, 102.3943



37.0862, 33.1896, 79.3146



14.1602, 15.0419, 18.3014



11.4995, 10.0610, 43.7191



0.9425, 0.9289, 3.2616

Previews

White Background



This preview shows how the XYZ color 56.3919, 55.7880, 35.8130 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 56.3919, 55.7880, 35.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

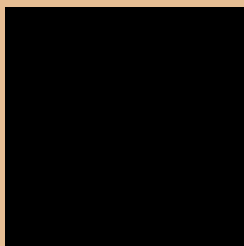
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3919, 55.7880, 35.8130

Background



This preview shows how black text looks on a background with the XYZ color 56.3919, 55.7880, 35.8130.



This preview shows how white text looks on a background with the XYZ color 56.3919, 55.7880,

35.8130.

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

56.3919, 55.7880, 35.8130

Protanopia

52.4161, 56.0158, 37.3277

Deuteranopia

56.8216, 55.6891, 35.7712



Tritanopia

61.2725, 55.5604, 60.3181

Trichromacy



Original Color

56.3919, 55.7880, 35.8130

Protanomaly

53.7102, 55.6910, 36.7728

Deuteranomaly

56.4979, 55.5222, 35.7561

Tritanomaly

59.2999, 55.6961, 50.2728

Monochromacy



Original Color

56.3919, 55.7880, 35.8130

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.7230, 55.3936, 50.5083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3919, 55.7880, 35.8130 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(230, 190, 148)` looks like.

```
.text, #text, p{  
    color:rgb(230, 190, 148)  
}
```

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(230, 190, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 190, 148) }
```

Border

The CSS property to change the border of an element to XYZ 56.3919, 55.7880, 35.8130 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(230, 190, 148) }
```


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

```
.border{ border-color:rgb(230, 190, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 190, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 190, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 190, 148);  
box-shadow:4px 4px 4px 4px rgb(230, 190,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3919, 55.7880, 35.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 190, 148) }
```

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

```
.background{ background-color: rgb(230,  
190, 148) }
```

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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