

Converting Colors

XYZ(56.8143, 56.8366, 40.9867)

Have a look what the booklet for
XYZ(56.8143, 56.8366, 40.9867)
contains.

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Color

**XYZ(56.6920, 56.8119,
40.7787)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C19F
RGB	226, 193, 159
RGB Percent	89%, 76%, 62%
CMY	0.1137, 0.2431, 0.3765
CMYK	0.00, 0.15, 0.30, 0.11
HSL	30°, 54%, 75%
HSV	30°, 30%, 89%
XYZ	56.6920, 56.8119, 40.7787
YIQ	198.9910, 30.5820, -3.5780

Conversions

Conversions Part 2

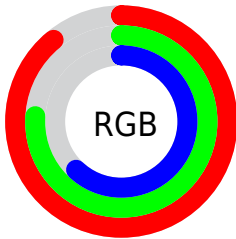
Format	Color
RYB	224, 226, 159
Decimal	14860703
CIELab	80.07, 6.78, 21.48
CIELCh	80, 22.524, 72.494
Yxy	56.8119, 0.3675, 0.3682
Android (android.graphics.Color)	4293050783 (0xFFE2C19F)
YUV	198.9910, -19.7156, 23.6869
Hunter-Lab	75.3737, 2.3541, 20.6845

Details

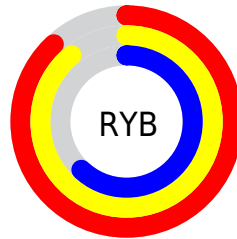
The XYZ color **56.6920, 56.8119, 40.7787** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.8747, 50.5596, 79.2401**, and the grayscale version is **54.3855, 57.2178, 62.3102**.

A 20% lighter version of the original color is **87.2533, 93.8664, 77.1376**, and **28.6095, 28.3638, 17.8768** is the 20% darker color. If you saturate the color by 10%, you get **52.5392, 51.3629, 30.5874**, and if you desaturate by 10%, it is **61.3915, 62.7799, 52.9225**.

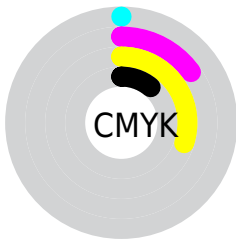
Distribution



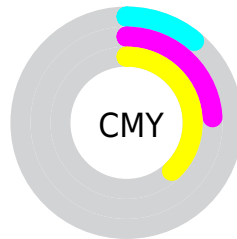
- Red (89%)
- Green (76%)
- Blue (62%)



- Red (88%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6920, 56.8119, 40.7787 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 56.6920, 56.8119, 40.7787 by changing the saturation by 10% instead.


 56.6920, 56.8119,
40.7787


 56.6920, 56.8119,
40.7787


402.3271,
412.7441, 365.0441

 40.9972, 40.8542,
27.8278


 99.1496, 100.1907,
77.5979

 28.5045, 28.2052,
17.9580


 126.6431,
128.3806, 102.3032

 18.8487, 18.4804,
10.7507


158.8002,
161.4167, 131.7638

 11.6644, 11.2954,
5.7874

195.9862,
199.6834, 166.3981

 6.5861, 6.2659,
2.6496

238.5666,
243.5651, 206.6248

 3.2487, 3.0074,
0.9179

286.9066,

 1.2866, 1.1356,

293.4462, 252.8623

0.0000

341.3716,
349.7111, 305.5292

■ 0.1731, 0.0082,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6920, 56.8119,
40.7787

■ 56.6920, 56.8119,
40.7787

■ 52.5392, 51.3629,
30.5874

■ 61.3915, 62.7799,
52.9225

■ 48.9051, 46.4092,
22.2408

■ 66.6554, 69.2741,
67.1118

■ 45.7656, 41.9365,
15.6256

■ 72.5057, 76.3116,
83.4378

■ 43.0924, 37.9264,
10.6149

■ 78.9620, 83.9060,
101.9851

■ 40.8538, 34.3591,
7.0637

■ 83.1830, 90.9266,
107.7741

■ 39.0128, 31.2122,
4.8002

■ 85.1741, 94.9088,
108.4378

■ 37.5104, 28.4543,
3.5382

■ 37.4610, 28.3626,
3.5001

Harmonies

Analogous

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



60.7589, 56.8119, 46.3301



56.6920, 56.8119, 40.7787



52.1141, 56.8119, 40.3477

Triad

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



56.6920, 56.8119, 40.7787



45.8443, 56.8119, 67.4800



60.1715, 56.8119, 82.3929

Complementary

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



56.6920, 56.8119, 40.7787



46.8747, 50.5596, 79.2401

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.



55.9268, 56.8119, 89.9109



56.6920, 56.8119, 40.7787



47.7582, 56.8119, 80.5186

Square

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



56.6920, 56.8119, 40.7787



46.0233, 56.8119, 54.5742



51.3907, 56.8119, 89.1801



62.8445, 56.8119, 69.7637

Rectangle

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



56.6920, 56.8119, 40.7787



49.4015, 56.8119, 42.9224



51.3907, 56.8119, 89.1801



58.8712, 56.8119, 85.6768

Sweetspot

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



56.6935, 56.8145, 40.7799



88.0725, 91.6088, 89.4215



53.3325, 44.7936, 55.9958



18.6225, 19.3296, 18.5128



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.



56.6935, 56.8145, 40.7799



70.8640, 69.9019, 44.5018



64.8186, 73.0648, 43.4883



14.2794, 14.8447, 14.4195



21.4907, 16.4192, 2.0365



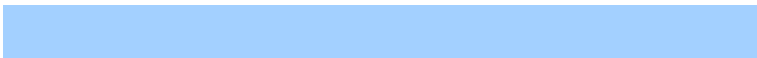
1.5792, 1.3172, 0.1710

Inverse Universe

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



46.8747, 50.5596, 79.2401



55.8508, 60.3388, 103.3106



40.4243, 37.6589, 77.0899



13.5067, 14.3524, 17.4461



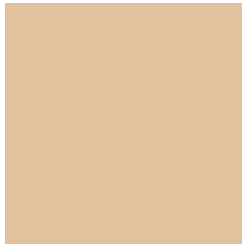
11.2114, 9.8923, 42.3669



0.8666, 0.8646, 2.9665

Previews

White Background



This preview shows how the XYZ color 56.6920, 56.8119, 40.7787 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 56.6920, 56.8119, 40.7787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

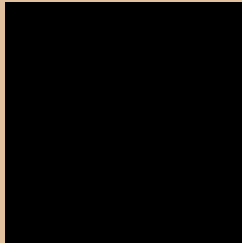
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6920, 56.8119, 40.7787

Background



This preview shows how black text looks on a background with the XYZ color 56.6920, 56.8119, 40.7787.



This preview shows how white text looks on a background with the XYZ color 56.6920, 56.8119,

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

56.6920, 56.8119, 40.7787

Protanopia

53.5796, 56.8457, 42.3308

Deuteranopia

57.8438, 56.7537, 40.7068



Tritanopia

61.3860, 56.7938, 63.6040

Trichromacy



Original Color

56.6920, 56.8119, 40.7787

Protanomaly

54.4919, 56.6520, 41.7811

Deuteranomaly

57.4207, 56.8605, 40.7497

Tritanomaly

59.3736, 56.5984, 54.2496

Monochromacy



Original Color

56.6920, 56.8119, 40.7787

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.9125, 56.9485, 53.4454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6920, 56.8119, 40.7787 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(226, 193, 159)` looks like.

```
.text, #text, p{  
    color:rgb(226, 193, 159)  
}
```

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(226, 193, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 193, 159) }
```

Border

The CSS property to change the border of an element to XYZ 56.6920, 56.8119, 40.7787 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(226, 193, 159) }
```


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

```
.border{ border-color:rgb(226, 193, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 193, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 193, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 193, 159);  
box-shadow:4px 4px 4px 4px rgb(226, 193,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6920, 56.8119, 40.7787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 193, 159) }
```

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

```
.background{ background-color: rgb(226,  
193, 159) }
```

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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