

Converting Colors

XYZ(56.4798, 54.8307, 40.1148)

Have a look what the booklet for
XYZ(56.4798, 54.8307, 40.1148)
contains.

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Color

**XYZ(56.5750, 54.8323,
39.9496)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BB9E
RGB	230, 187, 158
RGB Percent	90%, 73%, 62%
CMY	0.0980, 0.2666, 0.3804
CMYK	0.00, 0.19, 0.31, 0.10
HSL	24°, 59%, 76%
HSV	24°, 31%, 90%
XYZ	56.5750, 54.8323, 39.9496
YIQ	196.5510, 34.9370, 0.0970

Conversions

Conversions Part 2

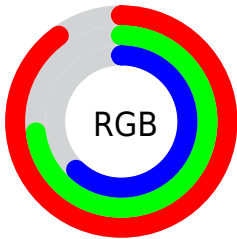
Format	Color
R _Y B	230, 207, 158
Decimal	15121310
CIE Lab	78.94, 11.35, 20.52
CIE LCh	79, 23.449, 61.045
Yxy	54.8323, 0.3738, 0.3623
Android (android.graphics.Color)	4293311390 (0xFFE6BB9E)
YUV	196.5510, -19.0056, 29.3348
Hunter-Lab	74.0488, 6.7926, 19.8470

Details

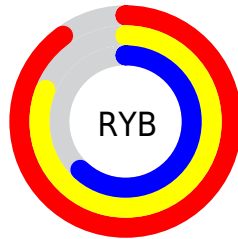
The XYZ color **56.5750, 54.8323, 39.9496** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.2694, 54.7537, 82.8347**, and the grayscale version is **52.8976, 55.6524, 60.6055**.

A 20% lighter version of the original color is **85.3008, 90.1653, 75.8586**, and **28.4125, 26.9960, 17.6232** is the 20% darker color. If you saturate the color by 10%, you get **52.0021, 48.5637, 29.5551**, and if you desaturate by 10%, it is **61.8000, 61.8116, 52.3905**.

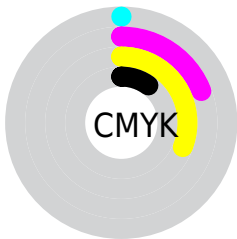
Distribution



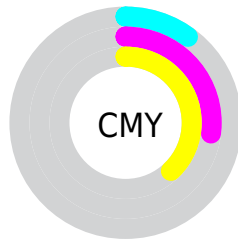
- Red (90%)
- Green (73%)
- Blue (62%)



- Red (90%)
- Yellow (81%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (31%)
- Black (10%)





- Cyan (10%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5750, 54.8323, 39.9496 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 56.5750, 54.8323, 39.9496 by changing the saturation by 10% instead.


 56.5750, 54.8323,
39.9496


 56.5750, 54.8323,
39.9496


401.8948,
405.2759, 361.4569

 40.9029, 39.2675,
27.1858


 98.9797, 97.2952,
76.3230

 28.4306, 26.9679,
17.4791

 126.4431,
124.9621, 100.7697

 18.7926, 17.5491,
10.4111


158.5676,
157.4317, 129.9477

 11.6236, 10.6267,
5.5632

195.7186,
195.0886, 164.2756

 6.5583, 5.8164,
2.5169

238.2615,
238.3171, 204.1719

 3.2313, 2.7338,
0.8491

286.5616,

 1.2772, 0.9944,

287.5015, 250.0552

0.0000

340.9843,
343.0263, 302.3440

■ 0.1661, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5750, 54.8323,
39.9496

■ 56.5750, 54.8323,
39.9496

■ 52.0021, 48.5637,
29.5551

■ 61.8000, 61.8116,
52.3905

■ 48.0485, 42.9742,
21.0921

■ 67.6994, 69.5166,
66.9776

■ 44.6848, 38.0412,
14.4391

■ 74.2996, 77.9713,
83.8081

■ 41.8770, 33.7373,
9.4593

■ 81.6242, 87.1962,
102.9722

■ 39.5870, 30.0330,
5.9961

■ 86.4432, 95.5630,
108.4972

■ 37.7702, 26.8951,
3.8625

■ 36.5173, 24.5913,
2.8219

Harmonies

Analogous

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



60.1749, 54.8323, 47.4250



56.5750, 54.8323, 39.9496



51.9533, 54.8323, 37.5491

Triad

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



56.5750, 54.8323, 39.9496



43.6626, 54.8323, 60.1721



56.8744, 54.8323, 84.4932

Complementary

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



56.5750, 54.8323, 39.9496



49.2694, 54.7537, 82.8347

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.



52.2800, 54.8323, 89.2052



56.5750, 54.8323, 39.9496



44.8116, 54.8323, 73.9361

Square

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



56.5750, 54.8323, 39.9496



44.6641, 54.8323, 48.1234



47.8985, 54.8323, 85.0843



60.3548, 54.8323, 73.0056

Rectangle

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



56.5750, 54.8323, 39.9496



48.9652, 54.8323, 38.8161



47.8985, 54.8323, 85.0843



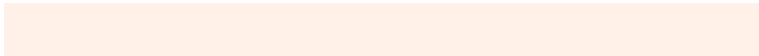
55.4001, 54.8323, 86.9927

Sweetspot

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



56.5764, 54.8348, 39.9507



87.3554, 90.1746, 89.1825



55.4265, 45.5037, 61.2440



18.4462, 18.9769, 18.4540



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.



56.5764, 54.8348, 39.9507



67.4173, 63.7263, 41.1400



65.1392, 71.9603, 42.8050



14.8512, 15.3163, 15.0780



20.7865, 14.1471, 1.6351



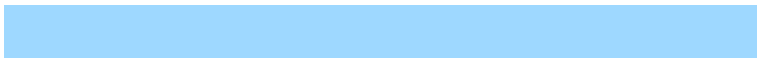
1.6251, 1.2236, 0.1505

Inverse Universe

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



49.2694, 54.7537, 82.8347



56.7169, 63.5926, 103.8930



41.8753, 39.9654, 80.3700



14.2949, 15.3113, 18.3463



13.3014, 13.6649, 44.3197



1.0734, 1.1908, 3.3052

Previews

White Background



This preview shows how the XYZ color 56.5750, 54.8323, 39.9496 looks on a white background.

Color Contrast Check

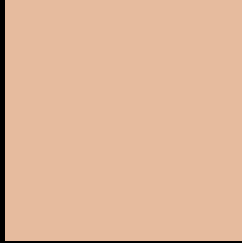
Large Text (above 18pt) WCAG AA × Fail

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 56.5750, 54.8323, 39.9496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

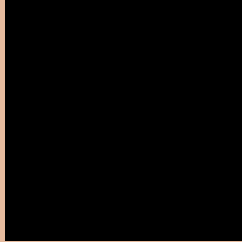
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5750, 54.8323, 39.9496

Background



This preview shows how black text looks on a background with the XYZ color 56.5750, 54.8323, 39.9496.



This preview shows how white text looks on a background with the XYZ color 56.5750, 54.8323,

39.9496.

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

56.5750, 54.8323, 39.9496

Protanopia

51.7688, 54.9042, 42.0515

Deuteranopia

56.1497, 54.9290, 39.9907



Tritanopia

60.6234, 54.9338, 59.6326

Trichromacy



Original Color

56.5750, 54.8323, 39.9496

Protanomaly

53.3070, 54.7196, 41.4706

Deuteranomaly

56.4679, 55.0931, 40.0056

Tritanomaly

59.1883, 54.9820, 51.7490

Monochromacy



Original Color

56.5750, 54.8323, 39.9496

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.9117, 55.1141, 52.5964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5750, 54.8323, 39.9496 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, 187, 158)` looks like.

```
.text, #text, p{  
    color:rgb(230, 187, 158)  
}
```

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, 187, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 187, 158) }
```

Border

The CSS property to change the border of an element to XYZ 56.5750, 54.8323, 39.9496 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, 187, 158) }
```


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

```
.border{ border-color:rgb(230, 187, 158) }
```

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

Here you see how a box with a 4 pixel rgb(230, 187, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 187, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 187, 158);  
box-shadow:4px 4px 4px 4px rgb(230, 187,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5750, 54.8323, 39.9496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 187, 158) }
```

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

```
.background{ background-color: rgb(230,  
187, 158) }
```

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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