

Converting Colors

$Y_{xy}(55.8149, 0.3910, 0.3865)$

Have a look what the booklet for
Yxy(55.8149, 0.3910, 0.3865)
contains.

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Color

Yxy(56.0146, 0.3910, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	E9BE8B
RGB	233, 190, 139
RGB Percent	91%, 75%, 55%
CMY	0.0864, 0.2548, 0.4549
CMYK	0.00, 0.18, 0.40, 0.09
HSL	33°, 68%, 73%
HSV	33°, 40%, 91%
XYZ	56.6668, 56.0146, 32.2464
YIQ	197.0430, 41.9990, -6.7450

Conversions

Conversions Part 2

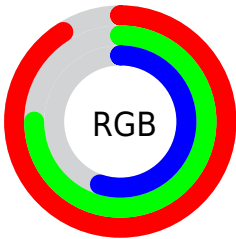
Format	Color
R _Y B	218, 233, 139
Decimal	15318667
CIE Lab	79.62, 8.66, 31.55
CIE LCh	80, 32.720, 74.654
Yxy	56.0146, 0.3910, 0.3865
Android (android.graphics.Color)	4293508747 (0xFFE9BE8B)
YUV	197.0430, -28.6152, 31.5343
Hunter-Lab	74.8429, 4.1749, 26.8446

Details

The Yxy color **56.0146, 0.3910, 0.3865** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.7930, 0.2469, 0.2630**, and the grayscale version is **56.0182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0218, 0.3515, 0.3817**, and **27.8260, 0.4115, 0.4002** is the 20% darker color. If you saturate the color by 10%, you get **50.9629, 0.4155, 0.4001**, and if you desaturate by 10%, it is **61.5534, 0.3683, 0.3720**.

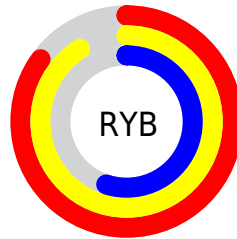
Distribution



Red (91%)

Green (75%)

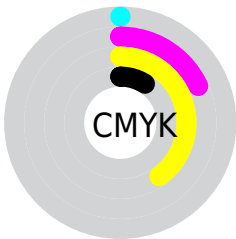
Blue (55%)



Red (85%)

Yellow (91%)

Blue (55%)

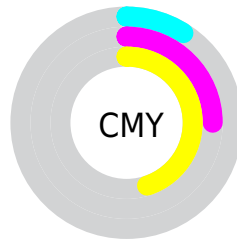


Cyan (0%)

Magenta (18%)

Yellow (40%)

Black (9%)



Cyan (9%)


Magenta (25%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0146, 0.3910, 0.3865 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 Yxy color 56.0146, 0.3910, 0.3865 by changing the saturation by 10% instead.


 56.0146, 0.3910,
0.3865


 56.0146, 0.3910,
0.3865


409.7465, 0.3532,
0.3598


 40.2146, 0.3999,
0.3924


 99.0259, 0.3777,
0.3773

 27.7059, 0.4109,
0.3996


 127.0061, 0.3725,
0.3737

 18.1041, 0.4249,
0.4084


 159.8151, 0.3681,
0.3706

 11.0248, 0.4431,
0.4191

197.8373, 0.3644,
0.3679

 6.0835, 0.4671,
0.4319

241.4572, 0.3610,
0.3655

 2.8959, 0.5151,
0.4597

291.0591, 0.3581,

 1.0776, 0.5438,

0.3634

347.0274, 0.3555,
0.3615

0.4562

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.0146, 0.3910,
0.3865

56.0146, 0.3910,
0.3865

50.9629, 0.4155,
0.4001

61.5534, 0.3683,
0.3720

46.3739, 0.4412,
0.4118


67.5869, 0.3477,
0.3573

42.2326, 0.4669,
0.4204


74.1321, 0.3294,
0.3430

38.5194, 0.4913,
0.4244

81.2030, 0.3132,
0.3294

 35.2122, 0.5127,
0.4232

 88.7825, 0.2993,
0.3172

 32.3714, 0.5301,
0.4173

 95.3475, 0.2993,
0.3279

 96.0564, 0.2993,
0.3290

Harmonies

Analogous

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



56.0146, 0.3982, 0.3553



56.0146, 0.3910, 0.3865



56.0146, 0.3623, 0.4051

Triad

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



56.0146, 0.3910, 0.3865



56.0146, 0.2485, 0.3323



56.0146, 0.2994, 0.2676

Complementary

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



56.0146, 0.3910, 0.3865



44.7930, 0.2469, 0.2630

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.



56.0146, 0.2618, 0.2595



56.0146, 0.3910, 0.3865



56.0146, 0.2342, 0.2933

Square

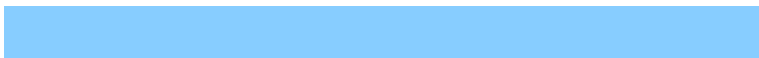
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.0146, 0.3910, 0.3865



56.0146, 0.2798, 0.3739



56.0146, 0.2389, 0.2679



56.0146, 0.3432, 0.2894

Rectangle

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



56.0146, 0.3910, 0.3865



56.0146, 0.3356, 0.4056



56.0146, 0.2389, 0.2679



56.0146, 0.2856, 0.2632

Sweetspot

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



56.0172, 0.3910, 0.3865



89.5854, 0.3324, 0.3454



39.1907, 0.3665, 0.2797



18.9445, 0.3347, 0.3473



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.0172, 0.3910, 0.3865



63.8242, 0.4102, 0.3974



76.9113, 0.3707, 0.4296



16.4096, 0.3279, 0.3418



18.6269, 0.5279, 0.4190



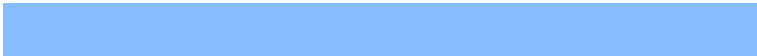
1.6547, 0.5088, 0.4342

Inverse Universe

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



44.7930, 0.2469, 0.2630



48.3648, 0.2339, 0.2472



30.1043, 0.2401, 0.2059



15.6828, 0.2980, 0.3159



9.4821, 0.1733, 0.1439



0.9348, 0.1806, 0.1703

Previews

White Background



This preview shows how the Yxy color 56.0146, 0.3910, 0.3865 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 Yxy color 56.0146, 0.3910, 0.3865 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](#).

Yxy 56.0146, 0.3910, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 56.0146, 0.3910, 0.3865.



This preview shows how white text looks on a background with the Yxy color 56.0146, 0.3910, 0.3865.

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

56.0146, 0.3910, 0.3865

Protanopia

56.0316, 0.3683, 0.3947

Deuteranopia

55.9214, 0.3932, 0.3850



Tritanopia

55.8378, 0.3495, 0.3127

Trichromacy



Original Color

56.0146, 0.3910, 0.3865

Protanomaly

55.7223, 0.3763, 0.3911

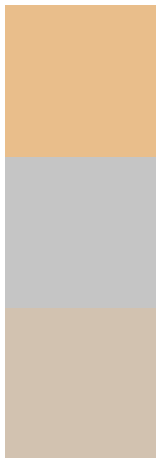
Deuteranomaly

55.7517, 0.3924, 0.3852

Tritanomaly

55.8370, 0.3651, 0.3392

Monochromacy



Original Color

56.0146, 0.3910, 0.3865

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4198, 0.3398, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0146, 0.3910, 0.3865 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(233, 190, 139)` looks like.

```
.text, #text, p{  
    color:rgb(233, 190, 139)  
}
```

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(233, 190, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 190, 139) }
```

Border

The CSS property to change the border of an element to Yxy 56.0146, 0.3910, 0.3865 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(233, 190, 139) }
```

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

```
.border{ border-color:rgb(233, 190, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 190, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 190, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 190, 139); box-shadow:4px 4px 4px 4px rgb(233, 190, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0146, 0.3910, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 190, 139) }
```

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

```
.background{ background-color: rgb(233,  
190, 139) }
```

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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