

Converting Colors

Yxy(56.4658, 0.3776, 0.3629)

Have a look what the booklet for
Yxy(56.4658, 0.3776, 0.3629)
contains.

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Color

Yxy(56.5606, 0.3766, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	EBBD9F
RGB	235, 189, 159
RGB Percent	92%, 74%, 62%
CMY	0.0785, 0.2588, 0.3764
CMYK	0.00, 0.20, 0.32, 0.08
HSL	24°, 65%, 77%
HSV	24°, 32%, 92%
XYZ	58.7120, 56.5606, 40.6276
YIQ	199.3340, 37.0460, 0.4220

Conversions

Conversions Part 2

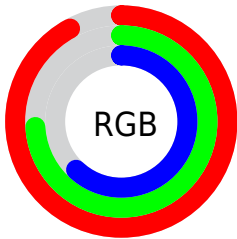
Format	Color
R _Y B	235, 209, 159
Decimal	15449503
CIE Lab	79.93, 12.33, 21.41
CIE LCh	80, 24.709, 60.073
Yxy	56.5606, 0.3766, 0.3628
Android (android.graphics.Color)	4293639583 (0xFFE8BD9F)
YUV	199.3340, -19.8847, 31.2791
Hunter-Lab	75.2068, 7.7385, 20.6156

Details

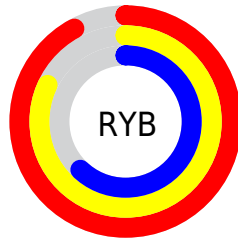
The Yxy color **56.5606, 0.3766, 0.3628** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.0199, 0.2621, 0.2924**, and the grayscale version is **57.4366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4199, 0.3385, 0.3597**, and **28.1348, 0.3938, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **50.0030, 0.4030, 0.3735**, and if you desaturate by 10%, it is **63.8782, 0.3535, 0.3519**.

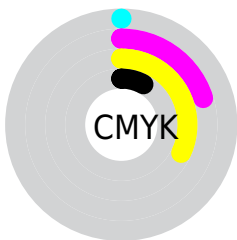
Distribution



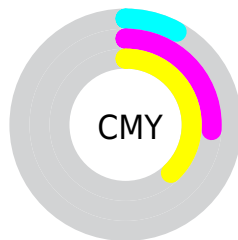
- Red (92%)
- Green (74%)
- Blue (62%)



- Red (92%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (32%)
- Black (8%)




- Cyan (8%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5606, 0.3766, 0.3628 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 56.5606, 0.3766, 0.3628 by changing the saturation by 10% instead.

 56.5606, 0.3766,
0.3628

 56.5606, 0.3766,
0.3628


411.8008, 0.3455,
0.3472

 40.6526, 0.3841,
0.3663


 99.8238, 0.3655,
0.3575

 28.0477, 0.3934,
0.3705


 127.9477, 0.3613,
0.3554

 18.3616, 0.4056,
0.3757


160.9123, 0.3577,
0.3535

 11.2099, 0.4219,
0.3822

199.1022, 0.3546,
0.3520

 6.2082, 0.4447,
0.3903

242.9015, 0.3519,
0.3506

 2.9721, 0.4783,
0.3999

292.6948, 0.3495,

 1.1172, 0.5654,

0.3493

0.4346

348.8664, 0.3474,
0.3482

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5606, 0.3766,
0.3628

56.5606, 0.3766,
0.3628

50.0030, 0.4030,
0.3735

63.8782, 0.3535,
0.3519

44.1715, 0.4325,
0.3833

71.9725, 0.3335,
0.3413

39.0410, 0.4644,
0.3910

80.8695, 0.3163,
0.3312

34.5819, 0.4972,
0.3955

90.5915, 0.3017,
0.3219

■ 30.7618, 0.5286,
0.3953

■ 96.3986, 0.3005,
0.3290

■ 27.5444, 0.5561,
0.3899

■ 25.4529, 0.5736,
0.3827

Harmonies

Analogous

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



56.5606, 0.3726, 0.3369



56.5606, 0.3766, 0.3628



56.5606, 0.3626, 0.3816

Triad

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



56.5606, 0.3766, 0.3628



56.5606, 0.2744, 0.3473



56.5606, 0.2879, 0.2773

Complementary

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



56.5606, 0.3766, 0.3628



57.0199, 0.2621, 0.2924

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.



56.5606, 0.2638, 0.2775



56.5606, 0.3766, 0.3628



56.5606, 0.2563, 0.3162

Square

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



56.5606, 0.3766, 0.3628



56.5606, 0.3031, 0.3741



56.5606, 0.2525, 0.2910



56.5606, 0.3199, 0.2893

Rectangle

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



56.5606, 0.3766, 0.3628



56.5606, 0.3455, 0.3869



56.5606, 0.2525, 0.2910



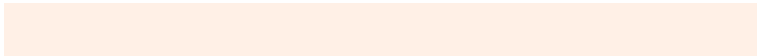
56.5606, 0.2787, 0.2759

Sweetspot

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



56.5632, 0.3766, 0.3628



89.0130, 0.3293, 0.3389



46.9077, 0.3419, 0.2776



18.7389, 0.3319, 0.3404



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

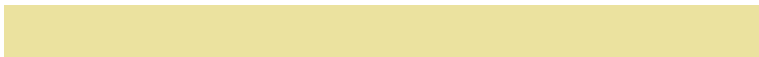
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.5632, 0.3766, 0.3628



62.5979, 0.3943, 0.3702



74.6181, 0.3642, 0.4012



16.0301, 0.3283, 0.3384



14.4007, 0.5708, 0.3850



1.3137, 0.5454, 0.4052

Inverse Universe

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



57.0199, 0.2621, 0.2924



63.2129, 0.2516, 0.2832



41.3274, 0.2562, 0.2447



16.0655, 0.2981, 0.3195



14.3923, 0.1873, 0.1943



1.3169, 0.1931, 0.2150

Previews

White Background



This preview shows how the Yxy color 56.5606, 0.3766, 0.3628 looks on a white background.

Color Contrast Check

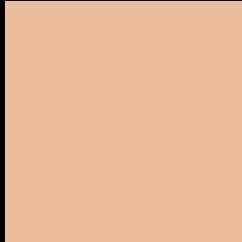
Large Text (above 18pt) WCAG AA × Fail

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 56.5606, 0.3766, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

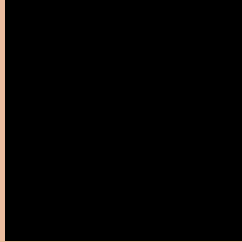
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5606, 0.3766, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 56.5606, 0.3766, 0.3628.



This preview shows how white text looks on a background with the Yxy color 56.5606, 0.3766, 0.3628.

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

56.5606, 0.3766, 0.3628

Protanopia

56.7341, 0.3491, 0.3710

Deuteranopia

56.7537, 0.3725, 0.3654



Tritanopia

56.7089, 0.3483, 0.3138

Trichromacy



Original Color

56.5606, 0.3766, 0.3628

Protanomaly

56.6989, 0.3584, 0.3678

Deuteranomaly

56.4859, 0.3737, 0.3642

Tritanomaly

56.7556, 0.3589, 0.3313

Monochromacy



Original Color

56.5606, 0.3766, 0.3628

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.4880, 0.3350, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5606, 0.3766, 0.3628 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(235, 189, 159)` looks like.

```
.text, #text, p{  
    color:rgb(235, 189, 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(235, 189, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 189, 159) }
```

Border

The CSS property to change the border of an element to Yxy 56.5606, 0.3766, 0.3628 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(235, 189, 159) }
```

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

```
.border{ border-color:rgb(235, 189, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 189, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 189, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 189, 159);  
box-shadow:4px 4px 4px 4px rgb(235, 189,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5606, 0.3766, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 189, 159) }
```

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

```
.background{ background-color: rgb(235,  
189, 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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