

Converting Colors

$Yxy(55.8217, 0.3765, 0.3587)$

Have a look what the booklet for
Yxy(55.8217, 0.3765, 0.3587)
contains.

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Color

Yxy(55.9467, 0.3765, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	ECBBA1
RGB	236, 187, 161
RGB Percent	93%, 73%, 63%
CMY	0.0746, 0.2666, 0.3687
CMYK	0.00, 0.21, 0.32, 0.07
HSL	21°, 66%, 78%
HSV	21°, 32%, 93%
XYZ	58.7885, 55.9467, 41.4096
YIQ	198.6870, 37.5500, 2.3020

Conversions

Conversions Part 2

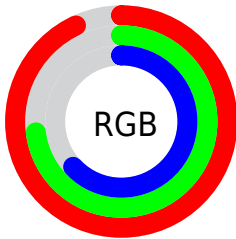
Format	Color
R _Y B	236, 201, 161
Decimal	15514529
CIE Lab	79.58, 14.01, 19.90
CIE LCh	80, 24.336, 54.841
Yxy	55.9467, 0.3765, 0.3583
Android (android.graphics.Color)	4293704609 (0xFFECBBA1)
YUV	198.6870, -18.5797, 32.7235
Hunter-Lab	74.7975, 9.3998, 19.5340

Details

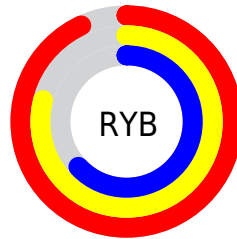
The Yxy color **55.9467, 0.3765, 0.3583** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.6954, 0.2635, 0.2975**, and the grayscale version is **57.0103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3191, 0.3375, 0.3557**, and **27.7380, 0.3938, 0.3656** is the 20% darker color. If you saturate the color by 10%, you get **49.0033, 0.4038, 0.3678**, and if you desaturate by 10%, it is **63.7537, 0.3529, 0.3487**.

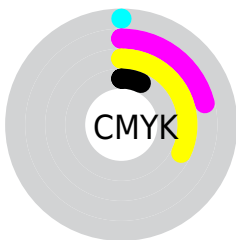
Distribution



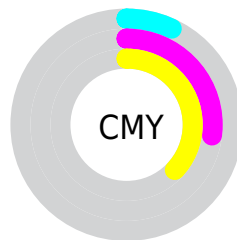
- Red (93%)
- Green (73%)
- Blue (63%)



- Red (93%)
- Yellow (79%)
- Blue (63%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (7%)




- Cyan (7%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9467, 0.3765, 0.3583 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 55.9467, 0.3765, 0.3583 by changing the saturation by 10% instead.


 55.9467, 0.3765,
0.3583


 55.9467, 0.3765,
0.3583


409.4906, 0.3454,
0.3449

 40.1602, 0.3840,
0.3613

 98.9266, 0.3654,
0.3537

 27.6635, 0.3935,
0.3648


 126.8889, 0.3611,
0.3519

 18.0721, 0.4058,
0.3692


159.6785, 0.3575,
0.3503

 11.0018, 0.4223,
0.3747

197.6798, 0.3544,
0.3490

 6.0680, 0.4457,
0.3813

241.2773, 0.3517,
0.3478

 2.8865, 0.4805,
0.3889

290.8553, 0.3493,

 1.0728, 0.5764,

0.3467

0.4236

346.7983, 0.3472,
0.3458

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9467, 0.3765,
0.3583

55.9467, 0.3765,
0.3583

49.0033, 0.4038,
0.3678

63.7537, 0.3529,
0.3487

42.8848, 0.4347,
0.3764

72.4458, 0.3326,
0.3393

37.5609, 0.4685,
0.3831

82.0531, 0.3155,
0.3305

32.9963, 0.5036,
0.3868

92.5783, 0.3011,
0.3227

■ 29.1524, 0.5375,
0.3860

■ 96.5691, 0.3011,
0.3290

■ 25.9865, 0.5671,
0.3802

■ 23.8513, 0.5868,
0.3723

Harmonies

Analogous

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



55.9467, 0.3693, 0.3322



55.9467, 0.3765, 0.3583



55.9467, 0.3656, 0.3786

Triad

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



55.9467, 0.3765, 0.3583



55.9467, 0.2792, 0.3523



55.9467, 0.2833, 0.2769

Complementary

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



55.9467, 0.3765, 0.3583



59.6954, 0.2635, 0.2975

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.



55.9467, 0.2614, 0.2794



55.9467, 0.3765, 0.3583



55.9467, 0.2591, 0.3215

Square

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



55.9467, 0.3765, 0.3583



55.9467, 0.3088, 0.3769



55.9467, 0.2528, 0.2950



55.9467, 0.3141, 0.2869

Rectangle

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



55.9467, 0.3765, 0.3583



55.9467, 0.3500, 0.3855



55.9467, 0.2528, 0.2950



55.9467, 0.2747, 0.2763

Sweetspot

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



55.9493, 0.3765, 0.3583



88.2995, 0.3295, 0.3378



48.0147, 0.3379, 0.2746



18.5669, 0.3320, 0.3390



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.



55.9493, 0.3765, 0.3583



61.3165, 0.3935, 0.3644



73.4331, 0.3645, 0.3963



15.9092, 0.3284, 0.3372



13.3683, 0.5839, 0.3746



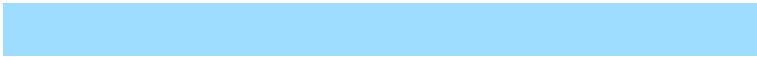
1.2238, 0.5572, 0.3957

Inverse Universe

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



59.6954, 0.2635, 0.2975



66.4034, 0.2539, 0.2901



43.7022, 0.2579, 0.2512



16.1905, 0.2981, 0.3206



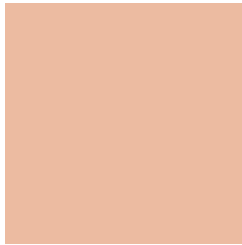
16.3422, 0.1921, 0.2114



1.4619, 0.1971, 0.2296

Previews

White Background



This preview shows how the Yxy color 55.9467, 0.3765, 0.3583 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 55.9467, 0.3765, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

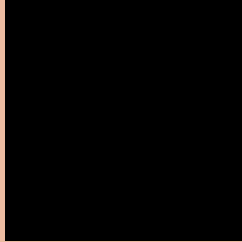
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9467, 0.3765, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 55.9467, 0.3765, 0.3583.



This preview shows how white text looks on a background with the Yxy color 55.9467, 0.3765, 0.3583.

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

55.9467, 0.3765, 0.3583

Protanopia

56.0956, 0.3453, 0.3665

Deuteranopia

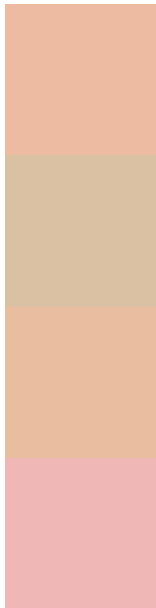
56.0230, 0.3702, 0.3634



Tritanopia

55.9667, 0.3512, 0.3139

Trichromacy



Original Color

55.9467, 0.3765, 0.3583

Protanomaly

55.7257, 0.3565, 0.3633

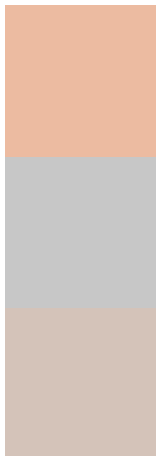
Deuteranomaly

56.0891, 0.3732, 0.3620

Tritanomaly

56.0506, 0.3611, 0.3302

Monochromacy



Original Color

55.9467, 0.3765, 0.3583

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5300, 0.3342, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9467, 0.3765, 0.3583 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(236, 187, 161)` looks like.

```
.text, #text, p{  
    color:rgb(236, 187, 161)  
}
```

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(236, 187, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 187, 161) }
```

Border

The CSS property to change the border of an element to Yxy 55.9467, 0.3765, 0.3583 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(236, 187, 161) }
```

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

```
.border{ border-color:rgb(236, 187, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 187, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 187, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 187, 161); box-shadow:4px 4px 4px 4px rgb(236, 187, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9467, 0.3765, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 187, 161) }
```

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

```
.background{ background-color: rgb(236,  
187, 161) }
```

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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