

Converting Colors

Yxy(54.9260, 0.3746, 0.3699)

Have a look what the booklet for
Yxy(54.9260, 0.3746, 0.3699)
contains.

Yxy(55.0260, 0.3746, 0.3706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.0260, 0.3746, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	E3BD99
RGB	227, 189, 153
RGB Percent	89%, 74%, 60%
CMY	0.1099, 0.2588, 0.3999
CMYK	0.00, 0.17, 0.33, 0.11
HSL	29°, 57%, 75%
HSV	29°, 33%, 89%
XYZ	55.6199, 55.0260, 37.8322
YIQ	196.2580, 34.2040, -3.1400

Conversions

Conversions Part 2

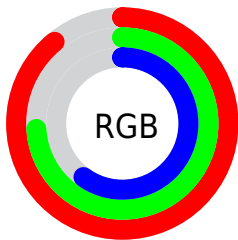
Format	Color
RYB	227, 223, 153
Decimal	14925209
CIELab	79.06, 8.49, 23.29
CIELCh	79, 24.786, 69.967
Yxy	55.0260, 0.3746, 0.3706
Android (android.graphics.Color)	4293115289 (0xFFE3BD99)
YUV	196.2580, -21.3262, 26.9607
Hunter-Lab	74.1795, 4.0254, 21.6872

Details

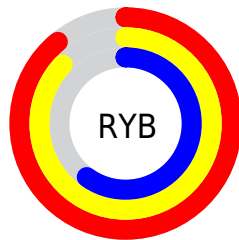
The Yxy color **55.0260, 0.3746, 0.3706** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.5665, 0.2607, 0.2832**, and the grayscale version is **55.4805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1189, 0.3423, 0.3657**, and **27.1137, 0.3900, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **49.5361, 0.3989, 0.3836**, and if you desaturate by 10%, it is **61.0662, 0.3528, 0.3573**.

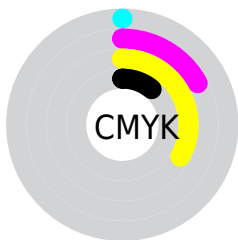
Distribution



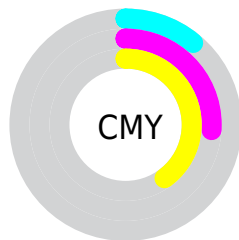
- Red (89%)
- Green (74%)
- Blue (60%)



- Red (89%)
- Yellow (87%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (11%)




- Cyan (11%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0260, 0.3746, 0.3706 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 55.0260, 0.3746, 0.3706 by changing the saturation by 10% instead.


 55.0260, 0.3746,
0.3706

 55.0260, 0.3746,
0.3706


406.0105, 0.3444,
0.3511

 39.4225, 0.3818,
0.3751

 97.5790, 0.3638,
0.3638

 27.0886, 0.3909,
0.3806


 125.2974, 0.3597,
0.3612

 17.6398, 0.4027,
0.3874


157.8229, 0.3563,
0.3589

 10.6917, 0.4184,
0.3962

195.5399, 0.3532,
0.3569

 5.8599, 0.4403,
0.4074

238.8327, 0.3506,
0.3552

 2.7601, 0.4741,
0.4233

288.0858, 0.3483,

 1.0078, 0.5439,

0.3536

0.4561

343.6836, 0.3463,
0.3523

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.0260, 0.3746,
0.3706

55.0260, 0.3746,
0.3706

49.5361, 0.3989,
0.3836

61.0662, 0.3528,
0.3573

44.5712, 0.4255,
0.3956

67.6656, 0.3335,
0.3444

40.1154, 0.4535,
0.4054

74.8425, 0.3167,
0.3321

36.1484, 0.4817,
0.4119

82.6120, 0.3021,
0.3205

■ 32.6482, 0.5084,
0.4136

■ 90.2253, 0.2957,
0.3212

■ 29.5897, 0.5317,
0.4099

■ 95.0661, 0.2958,
0.3290

■ 27.5835, 0.5466,
0.4042

Harmonies

Analogous

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



55.0260, 0.3768, 0.3460



55.0260, 0.3746, 0.3706



55.0260, 0.3553, 0.3858

Triad

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



55.0260, 0.3746, 0.3706



55.0260, 0.2664, 0.3370



55.0260, 0.2978, 0.2794

Complementary

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



55.0260, 0.3746, 0.3706



49.5665, 0.2607, 0.2832

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.



55.0260, 0.2700, 0.2753



55.0260, 0.3746, 0.3706



55.0260, 0.2527, 0.3065

Square

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



55.0260, 0.3746, 0.3706



55.0260, 0.2926, 0.3669



55.0260, 0.2540, 0.2845



55.0260, 0.3311, 0.2951

Rectangle

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



55.0260, 0.3746, 0.3706



55.0260, 0.3358, 0.3874



55.0260, 0.2540, 0.2845



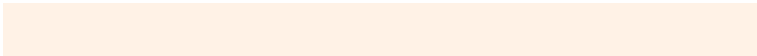
55.0260, 0.2875, 0.2767

Sweetspot

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



55.0286, 0.3746, 0.3706



90.3977, 0.3291, 0.3412



42.8849, 0.3492, 0.2853



19.0732, 0.3316, 0.3430



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.



55.0286, 0.3746, 0.3706



66.8125, 0.3906, 0.3794



72.8770, 0.3621, 0.4089



15.5203, 0.3280, 0.3405



16.3232, 0.5442, 0.4061



1.3917, 0.5212, 0.4244

Inverse Universe

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



49.5665, 0.2607, 0.2832



58.6697, 0.2499, 0.2721



35.5111, 0.2546, 0.2343



15.1042, 0.2981, 0.3173



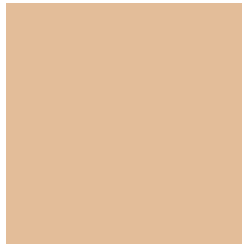
10.8210, 0.1785, 0.1626



0.9855, 0.1857, 0.1885

Previews

White Background



This preview shows how the Yxy color 55.0260, 0.3746, 0.3706 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 55.0260, 0.3746, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

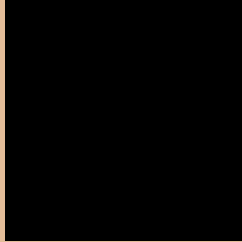
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0260, 0.3746, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 55.0260, 0.3746, 0.3706.



This preview shows how white text looks on a background with the Yxy color 55.0260, 0.3746, 0.3706.

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

55.0260, 0.3746, 0.3706

Protanopia

55.2901, 0.3534, 0.3776

Deuteranopia

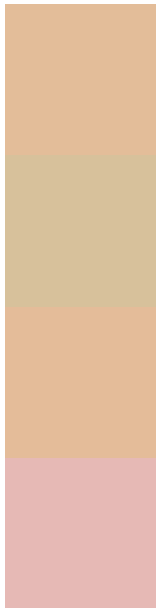
54.9244, 0.3768, 0.3692



Tritanopia

55.0540, 0.3433, 0.3135

Trichromacy



Original Color

55.0260, 0.3746, 0.3706

Protanomaly

54.9536, 0.3611, 0.3744

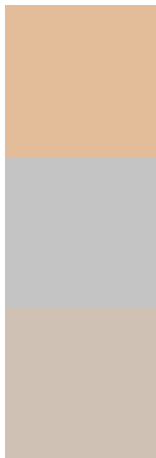
Deuteranomaly

54.7603, 0.3759, 0.3694

Tritanomaly

54.8571, 0.3547, 0.3337

Monochromacy



Original Color

55.0260, 0.3746, 0.3706

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.7006, 0.3343, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0260, 0.3746, 0.3706 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(227, 189, 153)` looks like.

```
.text, #text, p{  
    color:rgb(227, 189, 153)  
}
```

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(227, 189, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 189, 153) }
```

Border

The CSS property to change the border of an element to Yxy 55.0260, 0.3746, 0.3706 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(227, 189, 153) }
```

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

```
.border{ border-color:rgb(227, 189, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 189, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 189, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 189, 153);  
box-shadow:4px 4px 4px 4px rgb(227, 189,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0260, 0.3746, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 189, 153) }
```

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

```
.background{ background-color: rgb(227,  
189, 153) }
```

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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