

Converting Colors

Yxy(55.5428, 0.4248, 0.4013)

Have a look what the booklet for
Yxy(55.5428, 0.4248, 0.4013)
contains.

Yxy(55.3161, 0.4248, 0.4006)	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(55.3161, 0.4248, 0.4006)

Conversions

Conversions Part 1

Format	Color
Hex	F7B874
RGB	247, 184, 116
RGB Percent	97%, 72%, 45%
CMY	0.0313, 0.2785, 0.5451
CMYK	0.00, 0.26, 0.53, 0.03
HSL	31°, 89%, 71%
HSV	31°, 53%, 97%
XYZ	58.6577, 55.3161, 24.1093
YIQ	195.0850, 59.3760, -7.7920

Conversions

Conversions Part 2

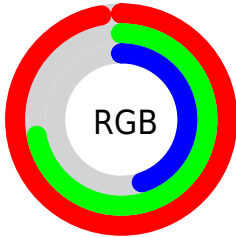
Format	Color
R _Y B	237, 247, 116
Decimal	16234612
CIE Lab	79.22, 15.25, 43.18
CIE LCh	79, 45.796, 70.547
Yxy	55.3161, 0.4248, 0.4006
Android (android.graphics.Color)	4294424692 (0xFFF7B874)
YUV	195.0850, -38.9889, 45.5295
Hunter-Lab	74.3748, 10.6230, 32.8429

Details

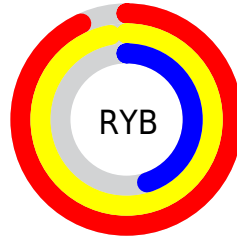
The Yxy color **55.3161, 0.4248, 0.4006** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.6850, 0.2267, 0.2412**, and the grayscale version is **54.8393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4447, 0.3683, 0.4001**, and **27.3173, 0.4520, 0.4138** is the 20% darker color. If you saturate the color by 10%, you get **50.0868, 0.4517, 0.4110**, and if you desaturate by 10%, it is **61.1184, 0.3990, 0.3879**.

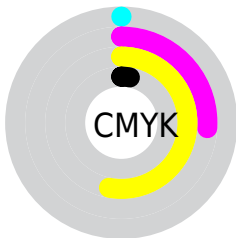
Distribution



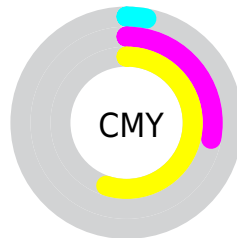
- Red (97%)
- Green (72%)
- Blue (45%)



- Red (93%)
- Yellow (97%)
- Blue (45%)



- Cyan (0%)
- Magenta (26%)
- Yellow (53%)
- Black (3%)





- Cyan (3%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3161, 0.4248, 0.4006 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 55.3161, 0.4248, 0.4006 by changing the saturation by 10% instead.


 55.3161, 0.4248,
0.4006

 55.3161, 0.4248,
0.4006

407.1090, 0.3712,
0.3690


 39.6549, 0.4370,
0.4070


 98.0039, 0.4061,
0.3902

 27.2695, 0.4519,
0.4142


 125.7993, 0.3988,
0.3860

 17.7758, 0.4703,
0.4223


 158.4082, 0.3926,
0.3823

 10.7891, 0.4930,
0.4305

196.2150, 0.3872,
0.3790

 5.9252, 0.5234,
0.4393

239.6041, 0.3824,
0.3761

 2.7997, 0.5588,
0.4412

288.9599, 0.3782,

 1.0281, 0.5849,

0.3734

0.4151

344.6667, 0.3745,
0.3711

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3161, 0.4248,
0.4006

■ 55.3161, 0.4248,
0.4006

■ 50.0868, 0.4517,
0.4110

■ 61.1184, 0.3990,
0.3879

■ 45.3998, 0.4784,
0.4179

■ 67.5065, 0.3751,
0.3741

■ 41.2330, 0.5034,
0.4199


■ 74.5025, 0.3535,
0.3600

■ 37.5580, 0.5249,
0.4164

■ 82.1248, 0.3343,
0.3461

 35.2662, 0.5377,
0.4113

 90.3908, 0.3174,
0.3329

 98.5189, 0.3078,
0.3290

Harmonies

Analogous

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



55.3161, 0.4317, 0.3558



55.3161, 0.4248, 0.4006



55.3161, 0.3868, 0.4330

Triad

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



55.3161, 0.4248, 0.4006



55.3161, 0.2285, 0.3407



55.3161, 0.2853, 0.2433

Complementary

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



55.3161, 0.4248, 0.4006



42.6850, 0.2267, 0.2412

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.



55.3161, 0.2369, 0.2346



55.3161, 0.4248, 0.4006



55.3161, 0.2068, 0.2838

Square

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



55.3161, 0.4248, 0.4006



55.3161, 0.2731, 0.4010



55.3161, 0.2099, 0.2474



55.3161, 0.3464, 0.2699

Rectangle

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



55.3161, 0.4248, 0.4006



55.3161, 0.3506, 0.4395



55.3161, 0.2099, 0.2474



55.3161, 0.2671, 0.2382

Sweetspot

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



55.3188, 0.4248, 0.4006



85.7552, 0.3398, 0.3502



35.5389, 0.3903, 0.2628



17.9906, 0.3437, 0.3530



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.



55.3188, 0.4248, 0.4006



53.2717, 0.4546, 0.4119



87.1827, 0.3883, 0.4573



17.9052, 0.3281, 0.3413



18.9331, 0.5352, 0.4132



1.8699, 0.5168, 0.4279

Inverse Universe

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



42.6850, 0.2267, 0.2412



38.3515, 0.2104, 0.2188



23.0737, 0.2114, 0.1597



17.2423, 0.2980, 0.3164



10.7886, 0.1754, 0.1514



1.1529, 0.1818, 0.1746

Previews

White Background



This preview shows how the Yxy color 55.3161, 0.4248, 0.4006 looks on a white background.

Color Contrast Check

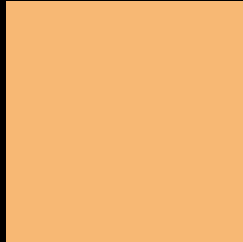
Large Text (above 18pt) WCAG AA × Fail

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 55.3161, 0.4248, 0.4006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

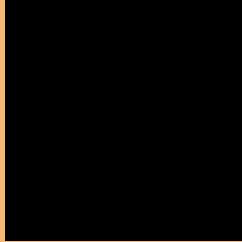
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3161, 0.4248, 0.4006

Background



This preview shows how black text looks on a background with the Yxy color 55.3161, 0.4248, 0.4006.



This preview shows how white text looks on a background with the Yxy color 55.3161, 0.4248, 0.4006.

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

55.3161, 0.4248, 0.4006

Protanopia

55.7601, 0.3858, 0.4182

Deuteranopia

55.5550, 0.4162, 0.4079



Tritanopia

55.1734, 0.3712, 0.3155

Trichromacy



Original Color

55.3161, 0.4248, 0.4006

Protanomaly

55.3621, 0.4004, 0.4116

Deuteranomaly

55.6557, 0.4194, 0.4060

Tritanomaly

54.9587, 0.3921, 0.3463

Monochromacy



Original Color

55.3161, 0.4248, 0.4006

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3109, 0.3519, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3161, 0.4248, 0.4006 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(247, 184, 116)` looks like.

```
.text, #text, p{  
    color:rgb(247, 184, 116)  
}
```

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(247, 184, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 184, 116) }
```

Border

The CSS property to change the border of an element to Yxy 55.3161, 0.4248, 0.4006 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(247, 184, 116) }
```

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

```
.border{ border-color:rgb(247, 184, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 184, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 184, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 184, 116); box-shadow:4px 4px 4px 4px rgb(247, 184, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3161, 0.4248, 0.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 184, 116) }
```

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

```
.background{ background-color: rgb(247,  
184, 116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor