

Converting Colors

Yxy(55.0367, 0.3954, 0.3671)

Have a look what the booklet for
Yxy(55.0367, 0.3954, 0.3671)
contains.

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Color

Yxy(55.0598, 0.3954, 0.3675)

Conversions

Conversions Part 1

Format	Color
Hex	F3B794
RGB	243, 183, 148
RGB Percent	95%, 72%, 58%
CMY	0.0471, 0.2823, 0.4196
CMYK	0.00, 0.25, 0.39, 0.05
HSL	22°, 80%, 77%
HSV	22°, 39%, 95%
XYZ	59.2399, 55.0598, 35.5229
YIQ	196.9500, 46.9950, 1.8350

Conversions

Conversions Part 2

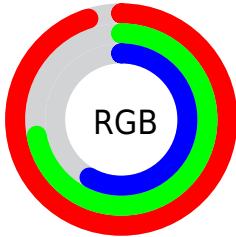
Format	Color
R _Y B	243, 203, 148
Decimal	15972244
CIE Lab	79.08, 17.29, 26.24
CIE LCh	79, 31.425, 56.619
Yxy	55.0598, 0.3954, 0.3675
Android (android.graphics.Color)	4294162324 (0xFFFF3B794)
YUV	196.9500, -24.1323, 40.3859
Hunter-Lab	74.2023, 12.6526, 23.5576

Details

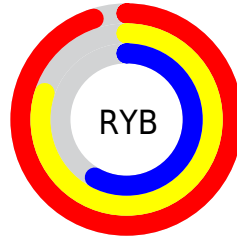
The Yxy color **55.0598, 0.3954, 0.3675** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.8740, 0.2521, 0.2864**, and the grayscale version is **55.9317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2573, 0.3472, 0.3660**, and **27.1426, 0.4173, 0.3757** is the 20% darker color. If you saturate the color by 10%, you get **48.3826, 0.4248, 0.3770**, and if you desaturate by 10%, it is **62.5939, 0.3694, 0.3574**.

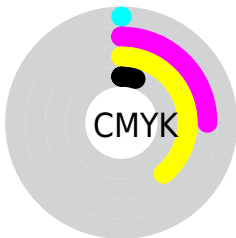
Distribution



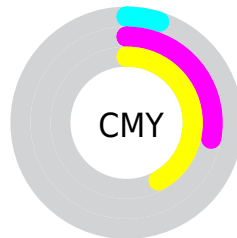
- Red (95%)
- Green (72%)
- Blue (58%)



- Red (95%)
- Yellow (80%)
- Blue (58%)



- Cyan (0%)
- Magenta (25%)
- Yellow (39%)
- Black (5%)





- Cyan (5%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0598, 0.3954, 0.3675 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 55.0598, 0.3954, 0.3675 by changing the saturation by 10% instead.


 55.0598, 0.3954,
0.3675


 55.0598, 0.3954,
0.3675


406.1386, 0.3550,
0.3502

 39.4496, 0.4051,
0.3712


 97.6286, 0.3810,
0.3617

 27.1097, 0.4173,
0.3755


 125.3559, 0.3755,
0.3594

 17.6556, 0.4329,
0.3807


157.8911, 0.3708,
0.3574

 10.7030, 0.4538,
0.3867

195.6186, 0.3668,
0.3556

 5.8675, 0.4825,
0.3931

238.9226, 0.3633,
0.3540

 2.7647, 0.5296,
0.4027

288.1877, 0.3602,

 1.0101, 0.5973,

0.3526

0.4027

343.7982, 0.3574,
0.3514

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.0598, 0.3954,
0.3675

55.0598, 0.3954,
0.3675

48.3826, 0.4248,
0.3770

62.5939, 0.3694,
0.3574

42.5223, 0.4572,
0.3849

71.0074, 0.3470,
0.3472

37.4470, 0.4912,
0.3899

80.3317, 0.3277,
0.3374

33.1190, 0.5247,
0.3908

90.5940, 0.3113,
0.3282

■ 29.4972, 0.5548,
0.3866

■ 97.7938, 0.3054,
0.3290

■ 26.5303, 0.5793,
0.3775

■ 26.2896, 0.5813,
0.3766

Harmonies

Analogous

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



55.0598, 0.3877, 0.3343



55.0598, 0.3954, 0.3675



55.0598, 0.3794, 0.3938

Triad

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



55.0598, 0.3954, 0.3675



55.0598, 0.2672, 0.3570



55.0598, 0.2767, 0.2630

Complementary

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



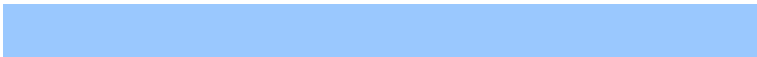
55.0598, 0.3954, 0.3675



57.8740, 0.2521, 0.2864

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.



55.0598, 0.2481, 0.2646



55.0598, 0.3954, 0.3675



55.0598, 0.2429, 0.3162

Square

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



55.0598, 0.3954, 0.3675



55.0598, 0.3046, 0.3908



55.0598, 0.2363, 0.2829



55.0598, 0.3166, 0.2766

Rectangle

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



55.0598, 0.3954, 0.3675



55.0598, 0.3584, 0.4030



55.0598, 0.2363, 0.2829



55.0598, 0.2655, 0.2618

Sweetspot

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



55.0624, 0.3954, 0.3675



86.4682, 0.3331, 0.3402



44.7968, 0.3487, 0.2650



18.2121, 0.3355, 0.3415



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.



55.0624, 0.3954, 0.3675



55.3802, 0.4188, 0.3752



77.9694, 0.3760, 0.4147



17.4826, 0.3284, 0.3378



14.6648, 0.5785, 0.3789



1.4783, 0.5548, 0.3977

Inverse Universe

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



57.8740, 0.2521, 0.2864



58.8898, 0.2404, 0.2759



38.1411, 0.2428, 0.2254



17.6712, 0.2980, 0.3201



16.4033, 0.1899, 0.2035



1.6376, 0.1947, 0.2210

Previews

White Background



This preview shows how the Yxy color 55.0598, 0.3954, 0.3675 looks on a white background.

Color Contrast Check

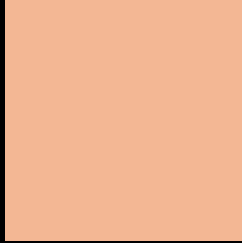
Large Text (above 18pt) WCAG AA × Fail

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 55.0598, 0.3954, 0.3675 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 55.0598, 0.3954, 0.3675

Background



This preview shows how black text looks on a background with the Yxy color 55.0598, 0.3954, 0.3675.



This preview shows how white text looks on a background with the Yxy color 55.0598, 0.3954, 0.3675.

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

55.0598, 0.3954, 0.3675

Protanopia

55.3683, 0.3558, 0.3799

Deuteranopia

55.0619, 0.3836, 0.3758



Tritanopia

54.9800, 0.3627, 0.3141

Trichromacy



Original Color

55.0598, 0.3954, 0.3675

Protanomaly

54.9008, 0.3695, 0.3748

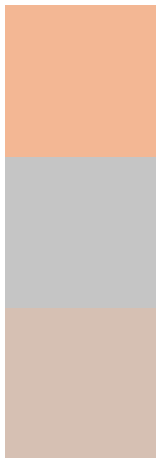
Deuteranomaly

54.8866, 0.3879, 0.3730

Tritanomaly

54.9282, 0.3756, 0.3335

Monochromacy



Original Color

55.0598, 0.3954, 0.3675

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2501, 0.3411, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0598, 0.3954, 0.3675 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(243, 183, 148)` looks like.

```
.text, #text, p{  
    color:rgb(243, 183, 148)  
}
```

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(243, 183, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 183, 148) }
```

Border

The CSS property to change the border of an element to Yxy 55.0598, 0.3954, 0.3675 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(243, 183, 148) }
```

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

```
.border{ border-color:rgb(243, 183, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 183, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 183, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 183, 148);  
box-shadow:4px 4px 4px 4px rgb(243, 183,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0598, 0.3954, 0.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 183, 148) }
```

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

```
.background{ background-color: rgb(243,  
183, 148) }
```

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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