

Converting Colors

$Yxy(51.1021, 0.4017, 0.3558)$

Have a look what the booklet for
Yxy(51.1021, 0.4017, 0.3558)
contains.

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Color

Yxy(51.0556, 0.4021, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	F5AC94
RGB	245, 172, 148
RGB Percent	96%, 67%, 58%
CMY	0.0391, 0.3255, 0.4195
CMYK	0.00, 0.30, 0.40, 0.04
HSL	15°, 83%, 77%
HSV	15°, 40%, 96%
XYZ	57.7644, 51.0556, 34.8368
YIQ	191.0910, 51.2120, 8.0120

Conversions

Conversions Part 2

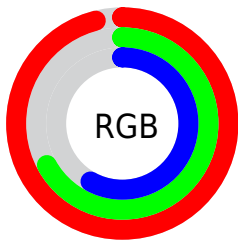
Format	Color
R _Y B	245, 180, 148
Decimal	16100500
CIE Lab	76.71, 23.90, 23.06
CIE LCh	77, 33.210, 43.974
Yxy	51.0556, 0.4021, 0.3554
Android (android.graphics.Color)	4294290580 (0xFFF5AC94)
YUV	191.0910, -21.2439, 47.2782
Hunter-Lab	71.4532, 19.2603, 21.1106

Details

The Yxy color **51.0556, 0.4021, 0.3554** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.6432, 0.2536, 0.3003**, and the grayscale version is **52.2619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0111, 0.3494, 0.3554**, and **24.6215, 0.4277, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **43.8206, 0.4354, 0.3617**, and if you desaturate by 10%, it is **59.4348, 0.3734, 0.3485**.

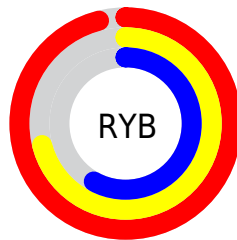
Distribution



Red (96%)

Green (67%)

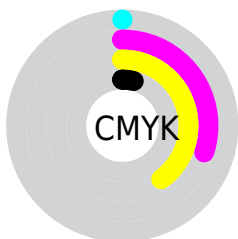
Blue (58%)



Red (96%)

Yellow (71%)

Blue (58%)

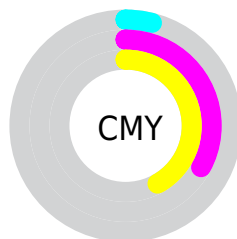


Cyan (0%)

Magenta (30%)

Yellow (40%)

Black (4%)



Cyan (4%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0556, 0.4021, 0.3554 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 51.0556, 0.4021, 0.3554 by changing the saturation by 10% instead.


 51.0556, 0.4021,
0.3554


 51.0556, 0.4021,
0.3554


390.7798, 0.3577,
0.3441

 36.2529, 0.4130,
0.3576


 91.7370, 0.3861,
0.3517

 24.6295, 0.4267,
0.3601


 118.3844, 0.3801,
0.3502

 15.8013, 0.4447,
0.3629


149.7488, 0.3749,
0.3489

 9.3836, 0.4690,
0.3655

186.2146, 0.3705,
0.3477

 4.9923, 0.5033,
0.3672

228.1662, 0.3667,
0.3466

 2.2427, 0.5631,
0.3704

275.9880, 0.3633,

 0.7431, 0.6490,

0.3457

0.3510

330.0644, 0.3603,
0.3448

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.0556, 0.4021,
0.3554

51.0556, 0.4021,
0.3554

43.8206, 0.4354,
0.3617

59.4348, 0.3734,
0.3485

37.6721, 0.4728,
0.3665

68.9979, 0.3492,
0.3416

32.5581, 0.5125,
0.3689

79.7919, 0.3289,
0.3350

28.4192, 0.5514,
0.3676

91.8589, 0.3121,
0.3288

■ 25.1897, 0.5851,
0.3622

■ 98.1587, 0.3066,
0.3290

■ 22.7888, 0.6102,
0.3533

■ 22.7061, 0.6111,
0.3530

Harmonies

Analogous

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



51.0556, 0.3829, 0.3192



51.0556, 0.4021, 0.3554



51.0556, 0.3950, 0.3883

Triad

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



51.0556, 0.4021, 0.3554



51.0556, 0.2791, 0.3770



51.0556, 0.2588, 0.2565

Complementary

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



51.0556, 0.4021, 0.3554



64.6432, 0.2536, 0.3003

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.



51.0556, 0.2354, 0.2655



51.0556, 0.4021, 0.3554



51.0556, 0.2462, 0.3334

Square

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



51.0556, 0.4021, 0.3554



51.0556, 0.3226, 0.4057



51.0556, 0.2309, 0.2923



51.0556, 0.2976, 0.2647

Rectangle

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



51.0556, 0.4021, 0.3554



51.0556, 0.3772, 0.4038



51.0556, 0.2309, 0.2923



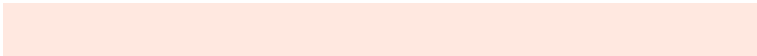
51.0556, 0.2490, 0.2575

Sweetspot

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



51.0581, 0.4021, 0.3554



84.3536, 0.3335, 0.3366



45.9015, 0.3372, 0.2516



17.7167, 0.3361, 0.3374



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.



51.0581, 0.4021, 0.3554



49.0784, 0.4302, 0.3608



72.3068, 0.3819, 0.4038



17.1474, 0.3287, 0.3349



12.4106, 0.6084, 0.3551



1.2465, 0.5844, 0.3742

Inverse Universe

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



64.6432, 0.2536, 0.3003



65.8972, 0.2425, 0.2930



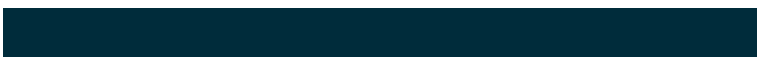
43.1239, 0.2443, 0.2404



18.0238, 0.2980, 0.3230



22.3565, 0.2019, 0.2470



2.1256, 0.2051, 0.2585

Previews

White Background



This preview shows how the Yxy color 51.0556, 0.4021, 0.3554 looks on a white background.

Color Contrast Check

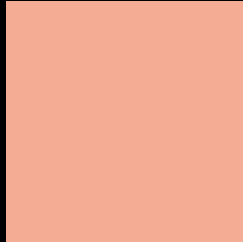
Large Text (above 18pt) WCAG AA × Fail

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 51.0556, 0.4021, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

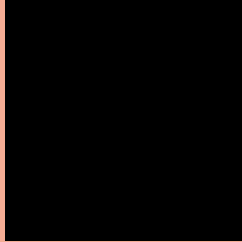
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0556, 0.4021, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 51.0556, 0.4021, 0.3554.



This preview shows how white text looks on a background with the Yxy color 51.0556, 0.4021, 0.3554.

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

51.0556, 0.4021, 0.3554

Protanopia

51.2130, 0.3492, 0.3703

Deuteranopia

51.2192, 0.3796, 0.3715



Tritanopia

50.8892, 0.3764, 0.3152

Trichromacy



Original Color

51.0556, 0.4021, 0.3554

Protanomaly

50.9186, 0.3678, 0.3651

Deuteranomaly

50.9363, 0.3877, 0.3647

Tritanomaly

50.9772, 0.3863, 0.3303

Monochromacy



Original Color

51.0556, 0.4021, 0.3554

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.2250, 0.3434, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0556, 0.4021, 0.3554 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(245, 172, 148)` looks like.

```
.text, #text, p{  
    color:rgb(245, 172, 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(245, 172, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 172, 148) }
```

Border

The CSS property to change the border of an element to Yxy 51.0556, 0.4021, 0.3554 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(245, 172, 148) }
```

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

```
.border{ border-color:rgb(245, 172, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 172, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 172, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 172, 148);  
box-shadow:4px 4px 4px 4px rgb(245, 172,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0556, 0.4021, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 172, 148) }
```

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

```
.background{ background-color: rgb(245,  
172, 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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