

Converting Colors

$Y_{xy}(54.7715, 0.4044, 0.3539)$

Have a look what the booklet for
Yxy(54.7715, 0.4044, 0.3539)
contains.

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Color

Yxy(54.6106, 0.4046, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	FFB099
RGB	255, 176, 153
RGB Percent	100%, 69%, 60%
CMY	0.0000, 0.3098, 0.3999
CMYK	0.00, 0.31, 0.40, 0.00
HSL	14°, 100%, 80%
HSV	14°, 40%, 100%
XYZ	62.5225, 54.6106, 37.3961
YIQ	196.9990, 54.4670, 9.5950

Conversions

Conversions Part 2

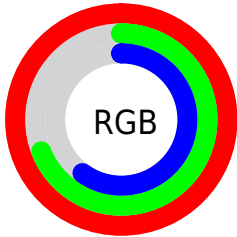
Format	Color
R _Y B	255, 183, 153
Decimal	16756889
CIE Lab	78.82, 26.15, 23.42
CIE LCh	79, 35.105, 41.836
Yxy	54.6106, 0.4046, 0.3534
Android (android.graphics.Color)	4294946969 (0xFFFFB099)
YUV	196.9990, -21.6915, 50.8669
Hunter-Lab	73.8990, 21.6973, 21.7260

Details

The Yxy color **54.6106, 0.4046, 0.3534** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.7300, 0.2533, 0.3026**, and the grayscale version is **55.9423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4782, 0.3452, 0.3542**, and **26.8610, 0.4290, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **46.6628, 0.4389, 0.3591**, and if you desaturate by 10%, it is **63.8640, 0.3751, 0.3471**.

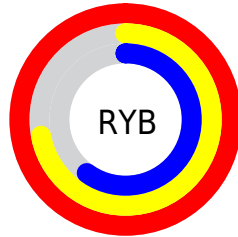
Distribution



Red (100%)

Green (69%)

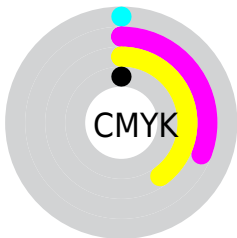
Blue (60%)



Red (100%)

Yellow (72%)

Blue (60%)

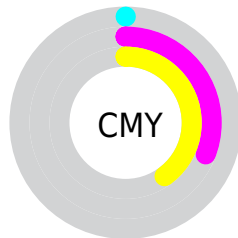


Cyan (0%)

Magenta (31%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6106, 0.4046, 0.3534 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 54.6106, 0.4046, 0.3534 by changing the saturation by 10% instead.


 54.6106, 0.4046,
0.3534


 54.6106, 0.4046,
0.3534


404.4342, 0.3595,
0.3433

 39.0900, 0.4155,
0.3553


 96.9702, 0.3885,
0.3502

 26.8298, 0.4292,
0.3574


 124.5780, 0.3823,
0.3488

 17.4454, 0.4470,
0.3596


156.9837, 0.3771,
0.3476

 10.5526, 0.4709,
0.3616

194.5717, 0.3726,
0.3466

 5.7668, 0.5041,
0.3623

237.7263, 0.3687,
0.3456

 2.7038, 0.5551,
0.3607

286.8320, 0.3652,

 0.9791, 0.6469,

0.3448

0.3531

342.2732, 0.3622,
0.3440

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.6106, 0.4046,
0.3534

54.6106, 0.4046,
0.3534

46.6628, 0.4389,
0.3591

63.8640, 0.3751,
0.3471

39.9636, 0.4774,
0.3633

74.4822, 0.3504,
0.3408

34.4471, 0.5182,
0.3651

86.5169, 0.3298,
0.3347

30.0421, 0.5579,
0.3635

100.0000, 0.3127,
0.3290

■ 26.6692, 0.5915,
0.3578

■ 24.2309, 0.6158,
0.3492

■ 24.2283, 0.6158,
0.3492

Harmonies

Analogous

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



54.6106, 0.3829, 0.3162



54.6106, 0.4046, 0.3534



54.6106, 0.3991, 0.3879

Triad

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



54.6106, 0.4046, 0.3534



54.6106, 0.2809, 0.3816



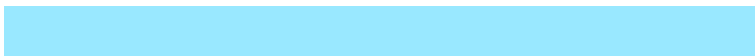
54.6106, 0.2548, 0.2544

Complementary

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



54.6106, 0.4046, 0.3534



71.7300, 0.2533, 0.3026

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.



54.6106, 0.2320, 0.2648



54.6106, 0.4046, 0.3534



54.6106, 0.2459, 0.3368

Square

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



54.6106, 0.4046, 0.3534



54.6106, 0.3261, 0.4096



54.6106, 0.2288, 0.2936



54.6106, 0.2939, 0.2616

Rectangle

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



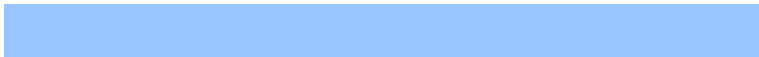
54.6106, 0.4046, 0.3534



54.6106, 0.3816, 0.4048



54.6106, 0.2288, 0.2936



54.6106, 0.2451, 0.2558

Sweetspot

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



54.6096, 0.4046, 0.3534



83.9783, 0.3336, 0.3359



49.9310, 0.3360, 0.2492



17.6289, 0.3362, 0.3367



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.



54.6096, 0.4046, 0.3534



48.1407, 0.4317, 0.3580



78.0131, 0.3835, 0.4031



18.6504, 0.3289, 0.3344



12.8415, 0.6132, 0.3513



1.4054, 0.5920, 0.3681

Inverse Universe

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



71.7300, 0.2533, 0.3026



67.3514, 0.2431, 0.2963



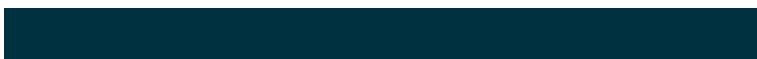
47.4200, 0.2437, 0.2412



19.7467, 0.2980, 0.3235



25.0096, 0.2040, 0.2545



2.5971, 0.2067, 0.2640

Previews

White Background



This preview shows how the Yxy color 54.6106, 0.4046, 0.3534 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 54.6106, 0.4046, 0.3534 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 54.6106, 0.4046, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 54.6106, 0.4046, 0.3534.



This preview shows how white text looks on a background with the Yxy color 54.6106, 0.4046, 0.3534.

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

54.6106, 0.4046, 0.3534

Protanopia

54.7607, 0.3472, 0.3693

Deuteranopia

54.8588, 0.3784, 0.3715



Tritanopia

54.6499, 0.3762, 0.3166

Trichromacy



Original Color

54.6106, 0.4046, 0.3534

Protanomaly

54.3169, 0.3673, 0.3629

Deuteranomaly

54.7251, 0.3871, 0.3648

Tritanomaly

54.5492, 0.3870, 0.3303

Monochromacy



Original Color

54.6106, 0.4046, 0.3534

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.6368, 0.3435, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6106, 0.4046, 0.3534 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(255, 176, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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(255, 176, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 153) }
```

Border

The CSS property to change the border of an element to Yxy 54.6106, 0.4046, 0.3534 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(255, 176, 153) }
```

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

```
.border{ border-color:rgb(255, 176, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6106, 0.4046, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 153) }
```

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

```
.background{ background-color: rgb(255,  
176, 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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