

Converting Colors

$Yxy(90.0177, 0.5021, 0.3450)$

Have a look what the booklet for
Yxy(90.0177, 0.5021, 0.3450)
contains.

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Color

Yxy(54.5450, 0.4064, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	FFB097
RGB	255, 176, 151
RGB Percent	100%, 69%, 59%
CMY	0.0000, 0.3098, 0.4077
CMYK	0.00, 0.31, 0.41, 0.00
HSL	14°, 100%, 80%
HSV	14°, 41%, 100%
XYZ	62.3547, 54.5450, 36.5321
YIQ	196.7710, 55.1090, 8.9730

Conversions

Conversions Part 2

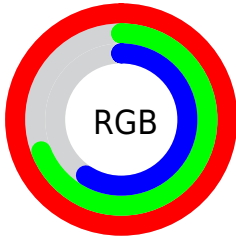
Format	Color
R_{YB}	255, 184, 151
Decimal	16756887
CIE _{Lab}	78.78, 25.93, 24.44
CIE _{LCh}	79, 35.630, 43.303
Yxy	54.5450, 0.4064, 0.3555
Android (android.graphics.Color)	4294946967 (0xFFFFB097)
YUV	196.7710, -22.5651, 51.0668
Hunter-Lab	73.8546, 21.4602, 22.3705

Details

The Yxy color **54.5450, 0.4064, 0.3555** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.4117, 0.2520, 0.3001**, and the grayscale version is **55.8049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3810, 0.3465, 0.3562**, and **26.8218, 0.4315, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **46.7418, 0.4406, 0.3615**, and if you desaturate by 10%, it is **63.6149, 0.3769, 0.3489**.

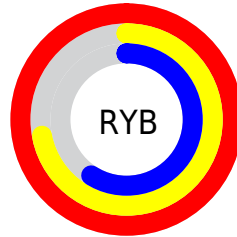
Distribution



Red (100%)

Green (69%)

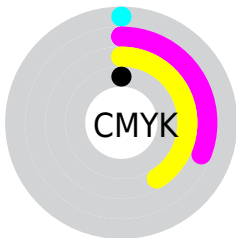
Blue (59%)



Red (100%)

Yellow (72%)

Blue (59%)

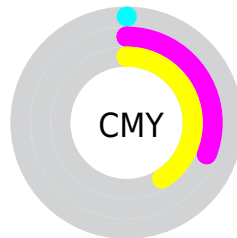


Cyan (0%)

Magenta (31%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5450, 0.4064, 0.3555 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 54.5450, 0.4064, 0.3555 by changing the saturation by 10% instead.


 54.5450, 0.4064,
0.3555


 54.5450, 0.4064,
0.3555


404.1849, 0.3604,
0.3444

 39.0376, 0.4175,
0.3576


 96.8740, 0.3899,
0.3520

 26.7889, 0.4315,
0.3599


 124.4643, 0.3837,
0.3505

 17.4148, 0.4495,
0.3624


156.8511, 0.3784,
0.3492

 10.5307, 0.4737,
0.3646

194.4186, 0.3738,
0.3480

 5.7522, 0.5072,
0.3656

237.5514, 0.3698,
0.3470

 2.6950, 0.5598,
0.3650

286.6338, 0.3663,

 0.9747, 0.6459,

0.3461

0.3541

342.0501, 0.3632,
0.3452

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.5450, 0.4064,
0.3555

54.5450, 0.4064,
0.3555

46.7418, 0.4406,
0.3615

63.6149, 0.3769,
0.3489

40.1433, 0.4787,
0.3659

74.0005, 0.3520,
0.3421

34.6891, 0.5190,
0.3677

85.7538, 0.3312,
0.3356

30.3112, 0.5578,
0.3659

98.9225, 0.3139,
0.3295

■ 26.9339, 0.5906, 100.0000, 0.3127,
0.3599 0.3290

■ 24.6238, 0.6129,
0.3516

Harmonies

Analogous

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



54.5450, 0.3857, 0.3178



54.5450, 0.4064, 0.3555



54.5450, 0.3994, 0.3902

Triad

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



54.5450, 0.4064, 0.3555



54.5450, 0.2784, 0.3805



54.5450, 0.2555, 0.2533

Complementary

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



54.5450, 0.4064, 0.3555



70.4117, 0.2520, 0.3001

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.



54.5450, 0.2315, 0.2629



54.5450, 0.4064, 0.3555



54.5450, 0.2437, 0.3345

Square

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



54.5450, 0.4064, 0.3555



54.5450, 0.3240, 0.4101



54.5450, 0.2273, 0.2911



54.5450, 0.2958, 0.2614

Rectangle

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



54.5450, 0.4064, 0.3555



54.5450, 0.3810, 0.4069



54.5450, 0.2273, 0.2911



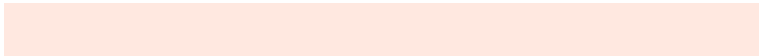
54.5450, 0.2455, 0.2544

Sweetspot

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



54.5466, 0.4064, 0.3555



84.2358, 0.3336, 0.3364



49.1577, 0.3382, 0.2492



17.6892, 0.3361, 0.3372



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.



54.5466, 0.4064, 0.3555



48.0356, 0.4342, 0.3605



78.5839, 0.3844, 0.4061



18.6953, 0.3288, 0.3348



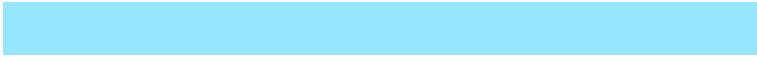
13.0577, 0.6102, 0.3537



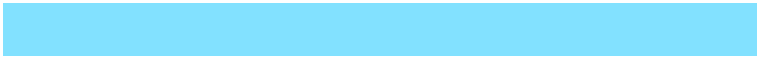
1.4321, 0.5886, 0.3708

Inverse Universe

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



70.4117, 0.2520, 0.3001



65.8146, 0.2414, 0.2932



45.9444, 0.2419, 0.2370



19.6986, 0.2980, 0.3232



24.1201, 0.2026, 0.2492



2.5173, 0.2054, 0.2594

Previews

White Background



This preview shows how the Yxy color 54.5450, 0.4064, 0.3555 looks on a white background.

Color Contrast Check

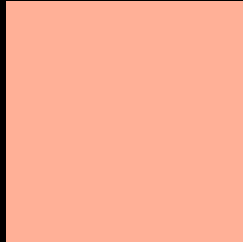
Large Text (above 18pt) WCAG AA × Fail

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 54.5450, 0.4064, 0.3555 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 54.5450, 0.4064, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 54.5450, 0.4064, 0.3555.



This preview shows how white text looks on a background with the Yxy color 54.5450, 0.4064, 0.3555.

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

54.5450, 0.4064, 0.3555

Protanopia

54.8337, 0.3497, 0.3716

Deuteranopia

54.5336, 0.3814, 0.3726



Tritanopia

54.6499, 0.3762, 0.3166

Trichromacy



Original Color

54.5450, 0.4064, 0.3555



Protanomaly

54.2481, 0.3690, 0.3652



Deuteranomaly

54.4197, 0.3901, 0.3658



Tritanomaly

54.5492, 0.3870, 0.3303

Monochromacy



Original Color

54.5450, 0.4064, 0.3555



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.5959, 0.3443, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5450, 0.4064, 0.3555 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 151) }
```

Border

The CSS property to change the border of an element to Yxy 54.5450, 0.4064, 0.3555 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, 151) }
```

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

```
.border{ border-color:rgb(255, 176, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5450, 0.4064, 0.3555 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, 151) }
```

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

```
.background{ background-color: rgb(255,  
176, 151) }
```

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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