

Converting Colors

Yxy(54.2350, 0.4031, 0.3559)

Have a look what the booklet for
Yxy(54.2350, 0.4031, 0.3559)
contains.

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Color

Yxy(54.4067, 0.4024, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	FCB198
RGB	252, 177, 152
RGB Percent	99%, 69%, 60%
CMY	0.0118, 0.3058, 0.4038
CMYK	0.00, 0.30, 0.40, 0.01
HSL	15°, 94%, 79%
HSV	15°, 40%, 99%
XYZ	61.5325, 54.4067, 36.9745
YIQ	196.5750, 52.7250, 8.1250

Conversions

Conversions Part 2

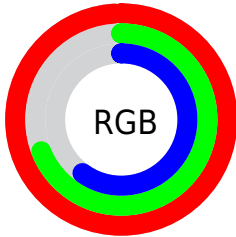
Format	Color
R _Y B	252, 185, 152
Decimal	16560536
CIE Lab	78.70, 24.36, 23.74
CIE LCh	79, 34.012, 44.265
Yxy	54.4067, 0.4024, 0.3558
Android (android.graphics.Color)	4294750616 (0xFFFCB198)
YUV	196.5750, -21.9755, 48.6077
Hunter-Lab	73.7609, 19.8259, 21.9120

Details

The Yxy color **54.4067, 0.4024, 0.3558** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.6441, 0.2533, 0.2999**, and the grayscale version is **55.6787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9941, 0.3457, 0.3562**, and **26.6923, 0.4261, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **46.7122, 0.4357, 0.3621**, and if you desaturate by 10%, it is **63.3160, 0.3737, 0.3489**.

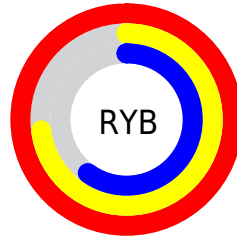
Distribution



Red (99%)

Green (69%)

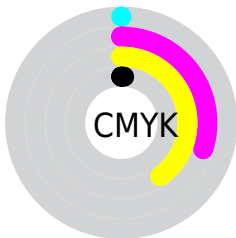
Blue (60%)



Red (99%)

Yellow (73%)

Blue (60%)

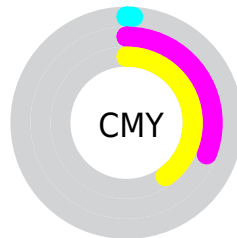


Cyan (0%)

Magenta (30%)

Yellow (40%)

Black (1%)



Cyan (1%)


Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4067, 0.4024, 0.3558 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 54.4067, 0.4024, 0.3558 by changing the saturation by 10% instead.


 54.4067, 0.4024,
0.3558


 54.4067, 0.4024,
0.3558


403.6590, 0.3583,
0.3444

 38.9269, 0.4130,
0.3580


 96.6711, 0.3866,
0.3521

 26.7029, 0.4265,
0.3605


 124.2246, 0.3806,
0.3506

 17.3502, 0.4438,
0.3632


156.5713, 0.3755,
0.3493

 10.4845, 0.4671,
0.3659

194.0958, 0.3711,
0.3481

 5.7214, 0.4996,
0.3678

237.1824, 0.3673,
0.3470

 2.6764, 0.5502,
0.3681

286.2156, 0.3640,

 0.9652, 0.6381,

0.3461

0.3619

341.5796, 0.3610,
0.3452

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4067, 0.4024,
0.3558

54.4067, 0.4024,
0.3558

46.7122, 0.4357,
0.3621

63.3160, 0.3737,
0.3489

40.1711, 0.4731,
0.3670

73.4821, 0.3494,
0.3419

34.7284, 0.5128,
0.3694

84.9549, 0.3291,
0.3351

30.3211, 0.5516,
0.3681

97.7790, 0.3122,
0.3288

■ 26.8794, 0.5851,
0.3625

99.4329, 0.3109,
0.3290

■ 24.3176, 0.6100,
0.3536

■ 24.2462, 0.6107,
0.3533

Harmonies

Analogous

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



54.4067, 0.3834, 0.3195



54.4067, 0.4024, 0.3558



54.4067, 0.3950, 0.3887

Triad

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



54.4067, 0.4024, 0.3558



54.4067, 0.2787, 0.3768



54.4067, 0.2590, 0.2564

Complementary

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



54.4067, 0.4024, 0.3558



68.6441, 0.2533, 0.2999

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.



54.4067, 0.2353, 0.2652



54.4067, 0.4024, 0.3558



54.4067, 0.2458, 0.3329

Square

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



54.4067, 0.4024, 0.3558



54.4067, 0.3222, 0.4057



54.4067, 0.2306, 0.2918



54.4067, 0.2980, 0.2647

Rectangle

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



54.4067, 0.4024, 0.3558



54.4067, 0.3770, 0.4041



54.4067, 0.2306, 0.2918



54.4067, 0.2491, 0.2573

Sweetspot

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



54.4093, 0.4024, 0.3558



84.4041, 0.3335, 0.3367



48.7960, 0.3373, 0.2514



17.7285, 0.3361, 0.3375



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.



54.4093, 0.4024, 0.3558



49.2057, 0.4300, 0.3612



76.9899, 0.3822, 0.4040



17.9300, 0.3288, 0.3350



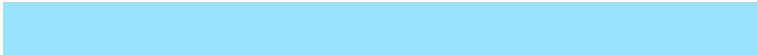
12.8268, 0.6079, 0.3555



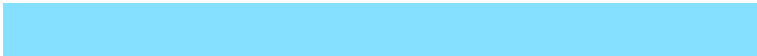
1.3486, 0.5851, 0.3736

Inverse Universe

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



68.6441, 0.2533, 0.2999



65.7039, 0.2424, 0.2926



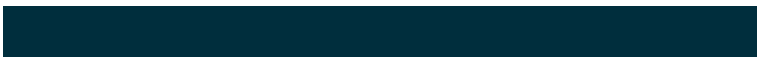
45.8181, 0.2440, 0.2400



18.8306, 0.2980, 0.3229



22.8688, 0.2016, 0.2458



2.2855, 0.2047, 0.2569

Previews

White Background



This preview shows how the Yxy color 54.4067, 0.4024, 0.3558 looks on a white background.

Color Contrast Check

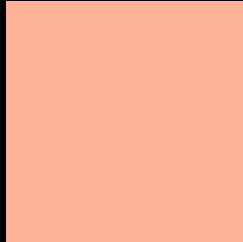
Large Text (above 18pt) WCAG AA × Fail

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 54.4067, 0.4024, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

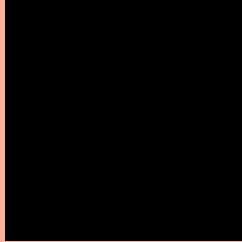
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4067, 0.4024, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 54.4067, 0.4024, 0.3558.



This preview shows how white text looks on a background with the Yxy color 54.4067, 0.4024, 0.3558.

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

54.4067, 0.4024, 0.3558

Protanopia

54.6901, 0.3488, 0.3718

Deuteranopia

54.4007, 0.3797, 0.3716



Tritanopia

54.2678, 0.3765, 0.3156

Trichromacy



Original Color

54.4067, 0.4024, 0.3558

Protanomaly

54.0887, 0.3681, 0.3653

Deuteranomaly

54.1059, 0.3875, 0.3650

Tritanomaly

54.3601, 0.3861, 0.3303

Monochromacy



Original Color

54.4067, 0.4024, 0.3558

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.9148, 0.3425, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4067, 0.4024, 0.3558 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(252, 177, 152)` looks like.

```
.text, #text, p{  
    color:rgb(252, 177, 152)  
}
```

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(252, 177, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 177, 152) }
```

Border

The CSS property to change the border of an element to Yxy 54.4067, 0.4024, 0.3558 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(252, 177, 152) }
```

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

```
.border{ border-color:rgb(252, 177, 152) }
```

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

Here you see how a box with a 4 pixel rgb(252, 177, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 177, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 177, 152);  
box-shadow:4px 4px 4px 4px rgb(252, 177,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4067, 0.4024, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 177, 152) }
```

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

```
.background{ background-color: rgb(252,  
177, 152) }
```

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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