

Converting Colors

$Yxy(53.0977, 0.4026, 0.3629)$

Have a look what the booklet for
Yxy(53.0977, 0.4026, 0.3629)
contains.

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Color

Yxy(53.1124, 0.4025, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	F6B192
RGB	246, 177, 146
RGB Percent	96%, 69%, 57%
CMY	0.0354, 0.3058, 0.4275
CMYK	0.00, 0.28, 0.41, 0.04
HSL	19°, 85%, 77%
HSV	19°, 41%, 96%
XYZ	58.9081, 53.1124, 34.3350
YIQ	194.0970, 51.0750, 4.9870

Conversions

Conversions Part 2

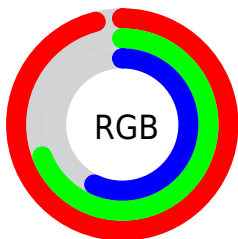
Format	Color
R _Y B	246, 191, 146
Decimal	16167314
CIE Lab	77.94, 21.38, 25.84
CIE LCh	78, 33.536, 50.392
Yxy	53.1124, 0.4025, 0.3629
Android (android.graphics.Color)	4294357394 (0xFFFF6B192)
YUV	194.0970, -23.7118, 45.5189
Hunter-Lab	72.8783, 16.7460, 23.0816

Details

The Yxy color **53.1124, 0.4025, 0.3629** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.3308, 0.2509, 0.2916**, and the grayscale version is **54.1299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7080, 0.3497, 0.3623**, and **25.9329, 0.4276, 0.3694** is the 20% darker color. If you saturate the color by 10%, you get **46.1395, 0.4343, 0.3707**, and if you desaturate by 10%, it is **61.0881, 0.3747, 0.3544**.

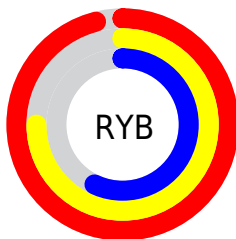
Distribution



Red (96%)

Green (69%)

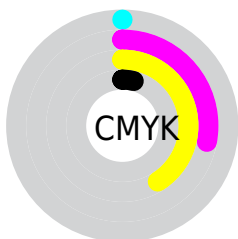
Blue (57%)



Red (96%)

Yellow (75%)

Blue (57%)

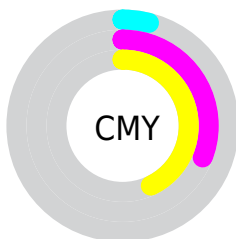


Cyan (0%)

Magenta (28%)

Yellow (41%)

Black (4%)



Cyan (4%)


Magenta (31%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1124, 0.4025, 0.3629 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 53.1124, 0.4025, 0.3629 by changing the saturation by 10% instead.


 53.1124, 0.4025,
0.3629


 53.1124, 0.4025,
0.3629


398.7162, 0.3583,
0.3480

 37.8925, 0.4132,
0.3659


 94.7697, 0.3867,
0.3580

 25.8993, 0.4267,
0.3694


 121.9760, 0.3806,
0.3560

 16.7483, 0.4441,
0.3734

153.9465, 0.3755,
0.3543

 10.0552, 0.4674,
0.3777

191.0656, 0.3711,
0.3527

 5.4356, 0.4997,
0.3814

233.7177, 0.3673,
0.3514

 2.5050, 0.5561,
0.3886

282.2873, 0.3639,

 0.8792, 0.6258,

0.3501

0.3742

337.1586, 0.3609,
0.3490

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1124, 0.4025,
0.3629

53.1124, 0.4025,
0.3629

46.1395, 0.4343,
0.3707

61.0881, 0.3747,
0.3544

40.1205, 0.4694,
0.3768

70.0974, 0.3509,
0.3457

35.0138, 0.5064,
0.3801

80.1794, 0.3307,
0.3374

30.7715, 0.5423,
0.3792

91.3686, 0.3137,
0.3295

■ 27.3399, 0.5736,
0.3734

■ 98.3276, 0.3072,
0.3290

■ 24.8044, 0.5966,
0.3645

Harmonies

Analogous

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



53.1124, 0.3888, 0.3269



53.1124, 0.4025, 0.3629



53.1124, 0.3900, 0.3938

Triad

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



53.1124, 0.4025, 0.3629



53.1124, 0.2710, 0.3682



53.1124, 0.2662, 0.2571

Complementary

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



53.1124, 0.4025, 0.3629



61.3308, 0.2509, 0.2916

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.



53.1124, 0.2391, 0.2623



53.1124, 0.4025, 0.3629



53.1124, 0.2416, 0.3239

Square

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



53.1124, 0.4025, 0.3629



53.1124, 0.3130, 0.4013



53.1124, 0.2304, 0.2853



53.1124, 0.3073, 0.2685

Rectangle

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



53.1124, 0.4025, 0.3629



53.1124, 0.3696, 0.4068



53.1124, 0.2304, 0.2853



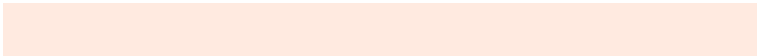
53.1124, 0.2553, 0.2569

Sweetspot

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



53.1150, 0.4025, 0.3629



85.4510, 0.3333, 0.3385



45.0979, 0.3443, 0.2559



17.9736, 0.3358, 0.3396



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.



53.1150, 0.4025, 0.3629



51.1868, 0.4291, 0.3696



76.0413, 0.3813, 0.4120



17.3215, 0.3286, 0.3364



13.4617, 0.5937, 0.3668



1.3584, 0.5693, 0.3862

Inverse Universe

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



61.3308, 0.2509, 0.2916



61.1928, 0.2393, 0.2823



40.0283, 0.2409, 0.2290



17.8392, 0.2980, 0.3215



19.0870, 0.1957, 0.2243



1.8600, 0.1997, 0.2390

Previews

White Background



This preview shows how the Yxy color 53.1124, 0.4025, 0.3629 looks on a white background.

Color Contrast Check

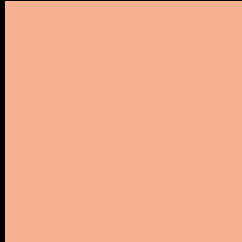
Large Text (above 18pt) WCAG AA × Fail

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 53.1124, 0.4025, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

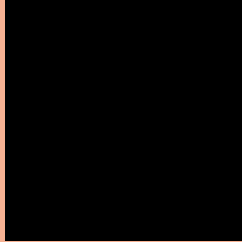
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1124, 0.4025, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 53.1124, 0.4025, 0.3629.



This preview shows how white text looks on a background with the Yxy color 53.1124, 0.4025, 0.3629.

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

53.1124, 0.4025, 0.3629

Protanopia

53.4190, 0.3540, 0.3782

Deuteranopia

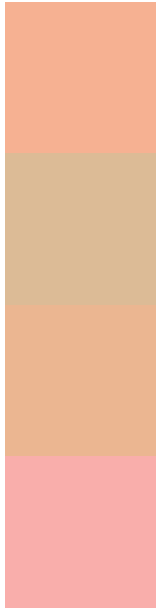
53.2055, 0.3846, 0.3763



Tritanopia

53.3318, 0.3721, 0.3153

Trichromacy



Original Color

53.1124, 0.4025, 0.3629

Protanomaly

52.9583, 0.3717, 0.3728

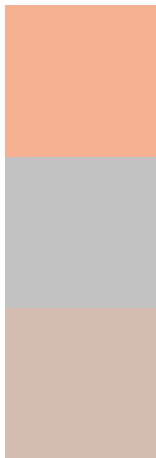
Deuteranomaly

53.1624, 0.3913, 0.3708

Tritanomaly

53.3521, 0.3835, 0.3324

Monochromacy



Original Color

53.1124, 0.4025, 0.3629

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.2869, 0.3427, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1124, 0.4025, 0.3629 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(246, 177, 146)` looks like.

```
.text, #text, p{  
    color:rgb(246, 177, 146)  
}
```

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(246, 177, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 177, 146) }
```

Border

The CSS property to change the border of an element to Yxy 53.1124, 0.4025, 0.3629 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(246, 177, 146) }
```

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

```
.border{ border-color:rgb(246, 177, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 177, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 177, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 177, 146);  
box-shadow:4px 4px 4px 4px rgb(246, 177,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1124, 0.4025, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 177, 146) }
```

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

```
.background{ background-color: rgb(246,  
177, 146) }
```

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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