

Converting Colors

$Y_{xy}(62.2195, 0.3483, 0.3054)$

Have a look what the booklet for
Yxy(62.2195, 0.3483, 0.3054)
contains.

Yxy(62.2195, 0.3483, 0.3054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.2195, 0.3483, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	FEBDD4
RGB	254, 189, 212
RGB Percent	100%, 74%, 83%
CMY	0.0038, 0.2588, 0.1687
CMYK	0.00, 0.26, 0.17, 0.00
HSL	339°, 97%, 87%
HSV	339°, 26%, 100%
XYZ	70.9596, 62.2195, 70.5521
YIQ	211.0570, 31.3570, 20.9330

Conversions

Conversions Part 2

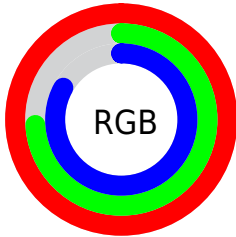
Format	Color
RYB	254, 189, 212
Decimal	16694740
CIELab	83.03, 26.73, -2.33
CIELCh	83, 26.835, 355.029
Yxy	62.2195, 0.3483, 0.3054
Android (android.graphics.Color)	4294884820 (0xFFFE8DD4)
YUV	211.0570, 0.4649, 37.6610
Hunter-Lab	78.8793, 22.5391, 2.1847

Details

The Yxy color $62.2195, 0.3483, 0.3054$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $87.4876, 0.2867, 0.3540$, and the grayscale version is $65.1646, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $31.4980, 0.3572, 0.2999$ is the 20% darker color. If you saturate the color by 10%, you get $51.4475, 0.3679, 0.2957$, and if you desaturate by 10%, it is $74.9952, 0.3322, 0.3150$.

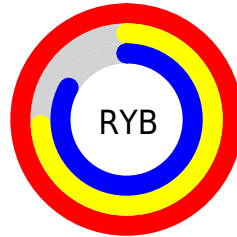
Distribution



Red (100%)

Green (74%)

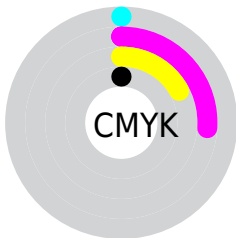
Blue (83%)



Red (100%)

Yellow (74%)

Blue (83%)

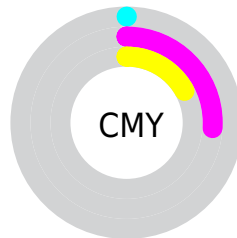


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2195, 0.3483, 0.3054 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 62.2195, 0.3483, 0.3054 by changing the saturation by 10% instead.


 62.2195, 0.3483,
0.3054

 62.2195, 0.3483,
0.3054

432.7313, 0.3314,
0.3165

 45.2101, 0.3523,
0.3028


 108.0427, 0.3424,
0.3093

 31.6229, 0.3572,
0.2996


137.6253, 0.3401,
0.3108

 21.0737, 0.3636,
0.2955


172.1677, 0.3381,
0.3121

 13.1779, 0.3720,
0.2900

212.0544, 0.3364,
0.3132

 7.5511, 0.3838,
0.2825

257.6697, 0.3349,
0.3142

 3.8091, 0.4015,
0.2714

309.3980, 0.3336,

 1.5674, 0.4305,

0.3151

0.2534

367.6237, 0.3325,
0.3158

0.3354, 0.5312,
0.1822

0.0000, 0.0000,
0.0000

62.2195, 0.3483,
0.3054

62.2195, 0.3483,
0.3054

51.4475, 0.3679,
0.2957

74.9952, 0.3322,
0.3150

42.5685, 0.3913,
0.2865

89.8610, 0.3190,
0.3241

35.4737, 0.4188,
0.2785

99.8151, 0.3121,
0.3290

30.0398, 0.4500,
0.2729

■ 26.1279, 0.4836,
0.2710

■ 23.5757, 0.5174,
0.2739

■ 22.1829, 0.5486,
0.2819

■ 21.8105, 0.5612,
0.2865

Harmonies

Analogous

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



62.2195, 0.3143, 0.2845



62.2195, 0.3483, 0.3054



62.2195, 0.3731, 0.3324

Triad

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



62.2195, 0.3483, 0.3054



62.2195, 0.3420, 0.3901



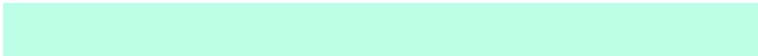
62.2195, 0.2491, 0.2926

Complementary

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



62.2195, 0.3483, 0.3054



87.4876, 0.2867, 0.3540

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.



62.2195, 0.2557, 0.3207



62.2195, 0.3483, 0.3054



62.2195, 0.3082, 0.3800

Square

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



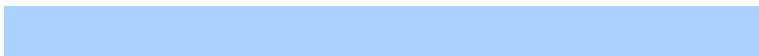
62.2195, 0.3483, 0.3054



62.2195, 0.3688, 0.3818



62.2195, 0.2768, 0.3536



62.2195, 0.2583, 0.2763

Rectangle

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



62.2195, 0.3483, 0.3054



62.2195, 0.3803, 0.3512



62.2195, 0.2768, 0.3536



62.2195, 0.2496, 0.3009

Sweetspot

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



62.2223, 0.3483, 0.3054



86.8475, 0.3219, 0.3220



60.4041, 0.2977, 0.2615



18.0932, 0.3238, 0.3206



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.



62.2223, 0.3483, 0.3054



56.6462, 0.3584, 0.3002



64.9854, 0.3652, 0.3382



18.0932, 0.3238, 0.3206



11.5217, 0.5569, 0.2842



1.1417, 0.5254, 0.2668

Inverse Universe

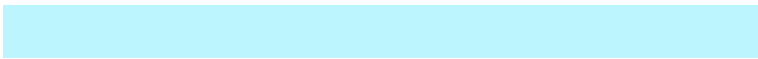
The Inverse Universe completely reimagines the original color for something new.



62.2223, 0.3483, 0.3054



56.6462, 0.3584, 0.3002



83.4942, 0.2742, 0.3196



18.0932, 0.3238, 0.3206



11.5217, 0.5569, 0.2842



1.1417, 0.5254, 0.2668

Previews

White Background



This preview shows how the Yxy color 62.2195, 0.3483, 0.3054 looks on a white background.

Color Contrast Check

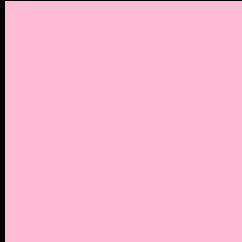
Large Text (above 18pt) WCAG AA × Fail

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 62.2195, 0.3483, 0.3054 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 62.2195, 0.3483, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 62.2195, 0.3483, 0.3054.



This preview shows how white text looks on a background with the Yxy color 62.2195, 0.3483, 0.3054.

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

62.2195, 0.3483, 0.3054

Protanopia

62.5384, 0.3017, 0.3108

Deuteranopia

62.5952, 0.3257, 0.3191



Tritanopia

62.1173, 0.3530, 0.3135

Trichromacy



Original Color

62.2195, 0.3483, 0.3054

Protanomaly

62.0585, 0.3175, 0.3091

Deuteranomaly

62.4685, 0.3333, 0.3140

Tritanomaly

62.2636, 0.3506, 0.3105

Monochromacy



Original Color

62.2195, 0.3483, 0.3054

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.7459, 0.3255, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2195, 0.3483, 0.3054 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(254, 189, 212)` looks like.

```
.text, #text, p{  
    color:rgb(254, 189, 212)  
}
```

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(254, 189, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 189, 212) }
```

Border

The CSS property to change the border of an element to Yxy 62.2195, 0.3483, 0.3054 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(254, 189, 212) }
```

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

```
.border{ border-color:rgb(254, 189, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 189, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 189, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 189, 212);  
box-shadow:4px 4px 4px 4px rgb(254, 189,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2195, 0.3483, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 189, 212) }
```

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

```
.background{ background-color: rgb(254,  
189, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor