

Converting Colors

Yxy(54.5996, 0.3485, 0.2991)

Have a look what the booklet for
Yxy(54.5996, 0.3485, 0.2991)
contains.

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Color

Yxy(54.6434, 0.3489, 0.2991)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4B0CC |
| RGB | 244, 176, 204 |
| RGB Percent | 96%, 69%, 80% |
| CMY | 0.0430, 0.3098, 0.2000 |
| CMYK | 0.00, 0.28, 0.16, 0.04 |
| HSL | 335°, 76%, 82% |
| HSV | 335°, 28%, 96% |
| XYZ | 63.7415, 54.6434, 64.3078 |
| YIQ | 199.5240, 31.5400, 23.1240 |

Conversions

Conversions Part 2

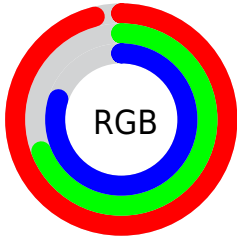
| Format | Color |
|-------------------------------------|---|
| RYB | 244, 176, 204 |
| Decimal | 16036044 |
| CIELab | 78.84, 28.88, -4.29 |
| CIElCh | 79, 29.198, 351.545 |
| Yxy | 54.6434, 0.3489, 0.2991 |
| Android (android.graphics.Color) | 4294226124 (0xFFF4B0CC) |
| YUV | 199.5240, 2.2067, 39.0055 |
| Hunter-Lab | 73.9212, 24.5567, 0.1654 |

Details

The Yxy color $54.6434, 0.3489, 0.2991$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $78.9136, 0.2868, 0.3612$, and the grayscale version is $57.4248, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1932, 0.3138, 0.3068$, and $26.9327, 0.3583, 0.2917$ is the 20% darker color. If you saturate the color by 10%, you get $45.2638, 0.3673, 0.2879$, and if you desaturate by 10%, it is $65.8117, 0.3336, 0.3102$.

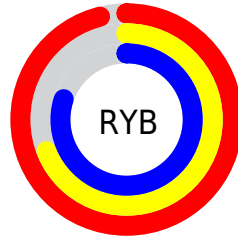
Distribution



Red (96%)

Green (69%)

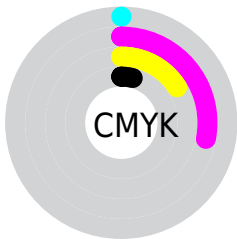
Blue (80%)



Red (96%)

Yellow (69%)

Blue (80%)

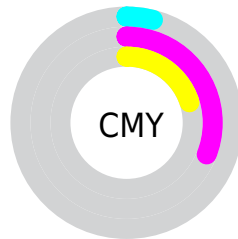


Cyan (0%)

Magenta (28%)

Yellow (16%)

Black (4%)



Cyan (4%)


Magenta (31%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6434, 0.3489, 0.2991 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 54.6434, 0.3489, 0.2991 by changing the saturation by 10% instead.

 54.6434, 0.3489,
0.2991

 54.6434, 0.3489,
0.2991


404.5588, 0.3314,
0.3134

 39.1163, 0.3531,
0.2957


 97.0183, 0.3427,
0.3041

 26.8502, 0.3583,
0.2915


124.6348, 0.3403,
0.3061

 17.4608, 0.3652,
0.2861


157.0500, 0.3383,
0.3077

 10.5635, 0.3744,
0.2788

194.6482, 0.3365,
0.3092

 5.7742, 0.3876,
0.2685

237.8137, 0.3350,
0.3104

 2.7083, 0.4078,
0.2531

286.9311, 0.3337,

 0.9814, 0.4426,

0.3115

0.2275

342.3846, 0.3325,
0.3125

0.0000, 0.7848,
0.0000

0.0000, 0.0000,
0.0000

54.6434, 0.3489,
0.2991

54.6434, 0.3489,
0.2991

45.2638, 0.3673,
0.2879

65.8117, 0.3336,
0.3102

37.5715, 0.3891,
0.2774

78.8480, 0.3210,
0.3210

31.4663, 0.4144,
0.2684

93.8362, 0.3107,
0.3311

26.8344, 0.4427,
0.2622

97.9801, 0.3060,
0.3290

■ 23.5465, 0.4729,
0.2601

■ 21.4505, 0.5032,
0.2631

■ 20.3406, 0.5315,
0.2713

■ 20.1683, 0.5373,
0.2734

Harmonies

Analogous

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



54.6434, 0.3098, 0.2768



54.6434, 0.3489, 0.2991



54.6434, 0.3791, 0.3288

Triad

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



54.6434, 0.3489, 0.2991



54.6434, 0.3498, 0.3986



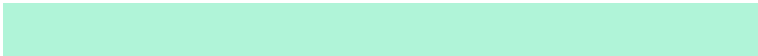
54.6434, 0.2410, 0.2905

Complementary

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



54.6434, 0.3489, 0.2991



78.9136, 0.2868, 0.3612

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.



54.6434, 0.2502, 0.3235



54.6434, 0.3489, 0.2991



54.6434, 0.3118, 0.3899

Square

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



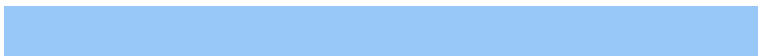
54.6434, 0.3489, 0.2991



54.6434, 0.3789, 0.3863



54.6434, 0.2756, 0.3612



54.6434, 0.2492, 0.2707

Rectangle

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



54.6434, 0.3489, 0.2991



54.6434, 0.3889, 0.3500



54.6434, 0.2756, 0.3612



54.6434, 0.2421, 0.3004

Sweetspot

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



54.6459, 0.3489, 0.2991



86.9186, 0.3212, 0.3208



52.1317, 0.2935, 0.2546



18.1110, 0.3229, 0.3193



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.



54.6459, 0.3489, 0.2991



54.7600, 0.3580, 0.2933



55.6913, 0.3722, 0.3354



16.5956, 0.3229, 0.3193



10.9880, 0.5332, 0.2711



0.9857, 0.5006, 0.2531

Inverse Universe

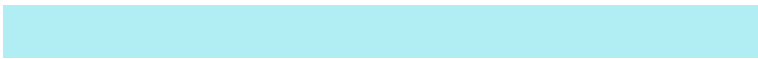
The Inverse Universe completely reimagines the original color for something new.



54.6459, 0.3489, 0.2991



54.7600, 0.3580, 0.2933



77.1267, 0.2715, 0.3225



16.5956, 0.3229, 0.3193



10.9880, 0.5332, 0.2711



0.9857, 0.5006, 0.2531

Previews

White Background



This preview shows how the Yxy color 54.6434, 0.3489, 0.2991 looks on a white background.

Color Contrast Check

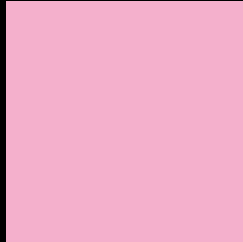
Large Text (above 18pt) WCAG AA × Fail

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 54.6434, 0.3489, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

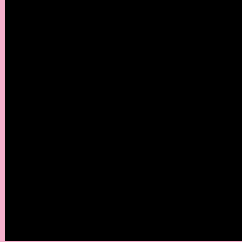
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6434, 0.3489, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 54.6434, 0.3489, 0.2991.



This preview shows how white text looks on a background with the Yxy color 54.6434, 0.3489, 0.2991.

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

54.6434, 0.3489, 0.2991

Protanopia

54.8273, 0.2968, 0.3039

Deuteranopia

55.0410, 0.3223, 0.3162



Tritanopia

54.7012, 0.3581, 0.3139

Trichromacy



Original Color

54.6434, 0.3489, 0.2991



Protanomaly

54.2408, 0.3148, 0.3013



Deuteranomaly

54.8095, 0.3321, 0.3098



Tritanomaly

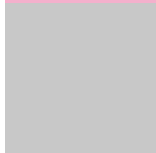
54.4845, 0.3548, 0.3086

Monochromacy



Original Color

54.6434, 0.3489, 0.2991



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.0776, 0.3255, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6434, 0.3489, 0.2991 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(244, 176, 204)` looks like.

```
.text, #text, p{  
    color:rgb(244, 176, 204)  
}
```

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(244, 176, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 176, 204) }
```

Border

The CSS property to change the border of an element to Yxy 54.6434, 0.3489, 0.2991 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(244, 176, 204) }
```

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

```
.border{ border-color:rgb(244, 176, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 176, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 176, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 176, 204);  
box-shadow:4px 4px 4px 4px rgb(244, 176,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6434, 0.3489, 0.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 176, 204) }
```

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

```
.background{ background-color: rgb(244,  
176, 204) }
```

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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