

Converting Colors

$Y_{xy}(48.2498, 0.3464, 0.2756)$

Have a look what the booklet for
Yxy(48.2498, 0.3464, 0.2756)
contains.

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Color

Yxy(48.4544, 0.3463, 0.2756)

Conversions

Conversions Part 1

Format	Color
Hex	F39FD1
RGB	243, 159, 209
RGB Percent	95%, 62%, 82%
CMY	0.0468, 0.3766, 0.1803
CMYK	0.00, 0.35, 0.14, 0.05
HSL	324°, 78%, 79%
HSV	324°, 35%, 95%
XYZ	60.8845, 48.4544, 66.4754
YIQ	189.8160, 34.0140, 33.3580

Conversions

Conversions Part 2

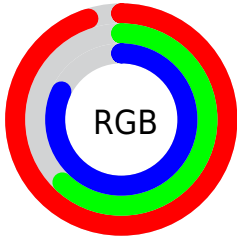
Format	Color
R_{YB}	243, 159, 209
Decimal	15966161
CIE _{Lab}	75.11, 38.30, -12.58
CIE _{LCh}	75, 40.310, 341.816
Yxy	48.4544, 0.3463, 0.2756
Android (android.graphics.Color)	4294156241 (0xFFFF39FD1)
YUV	189.8160, 9.4577, 46.6424
Hunter-Lab	69.6092, 34.3109, -7.8943

Details

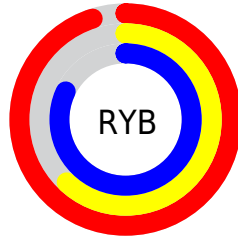
The Yxy color $48.4544, 0.3463, 0.2756$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $75.3538, 0.2895, 0.3896$, and the grayscale version is $51.3126, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0809, 0.3145, 0.2900$, and $23.1137, 0.3549, 0.2619$ is the 20% darker color. If you saturate the color by 10%, you get $40.4322, 0.3600, 0.2603$, and if you desaturate by 10%, it is $58.1545, 0.3345, 0.2915$.

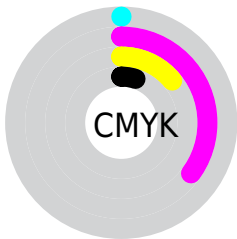
Distribution



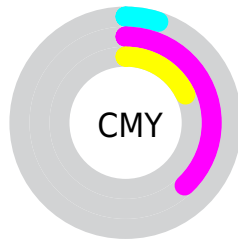
- Red (95%)
- Green (62%)
- Blue (82%)



- Red (95%)
- Yellow (62%)
- Blue (82%)



- Cyan (0%)
- Magenta (35%)
- Yellow (14%)
- Black (5%)




- Cyan (5%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4544, 0.3463, 0.2756 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 48.4544, 0.3463, 0.2756 by changing the saturation by 10% instead.

 48.4544, 0.3463,
0.2756


 48.4544, 0.3463,
0.2756


380.5904, 0.3302,
0.3009

 34.1869, 0.3501,
0.2697


 87.8806, 0.3406,
0.2845

 23.0372, 0.3549,
0.2623


 113.8080, 0.3384,
0.2879

 14.6210, 0.3611,
0.2528


144.3909, 0.3366,
0.2909

 8.5538, 0.3694,
0.2403

180.0136, 0.3349,
0.2934

 4.4513, 0.3810,
0.2229

221.0605, 0.3335,
0.2956

 1.9291, 0.3985,
0.1973

267.9160, 0.3323,

 0.5658, 0.4315,

0.2976

0.1486

320.9645, 0.3312,
0.2994

0.0000, 0.5917,
0.0000

0.0000, 0.0000,
0.0000

48.4544, 0.3463,
0.2756

48.4544, 0.3463,
0.2756

40.4322, 0.3600,
0.2603

58.1545, 0.3345,
0.2915

33.9840, 0.3756,
0.2463

69.6151, 0.3245,
0.3072

29.0043, 0.3928,
0.2349

82.9216, 0.3161,
0.3223

25.3724, 0.4113,
0.2273

97.3853, 0.3091,
0.3355

■ 22.9474, 0.4303,
0.2245

■ 97.8046, 0.3054,
0.3290

■ 21.5573, 0.4490,
0.2270

■ 21.0983, 0.4589,
0.2302

Harmonies

Analogous

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



48.4544, 0.2898, 0.2500



48.4544, 0.3463, 0.2756



48.4544, 0.3967, 0.3132

Triad

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



48.4544, 0.3463, 0.2756



48.4544, 0.3796, 0.4257



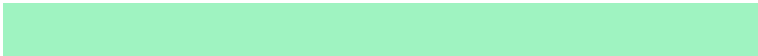
48.4544, 0.2140, 0.2859

Complementary

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



48.4544, 0.3463, 0.2756



75.3538, 0.2895, 0.3896

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.



48.4544, 0.2336, 0.3377



48.4544, 0.3463, 0.2756



48.4544, 0.3278, 0.4266

Square

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



48.4544, 0.3463, 0.2756



48.4544, 0.4153, 0.3975



48.4544, 0.2744, 0.3927



48.4544, 0.2178, 0.2527

Rectangle

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



48.4544, 0.3463, 0.2756



48.4544, 0.4175, 0.3418



48.4544, 0.2744, 0.3927



48.4544, 0.2180, 0.3016

Sweetspot

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



48.4566, 0.3463, 0.2756



84.1486, 0.3205, 0.3142



42.5481, 0.2752, 0.2320



17.5710, 0.3217, 0.3120



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.



48.4566, 0.3463, 0.2756



47.1438, 0.3564, 0.2640



46.6566, 0.3867, 0.3200



16.6481, 0.3200, 0.3150



11.6010, 0.4561, 0.2286



1.0399, 0.4345, 0.2167

Inverse Universe

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



48.4566, 0.3463, 0.2756



47.1438, 0.3564, 0.2640



77.4807, 0.2679, 0.3386



16.6481, 0.3200, 0.3150



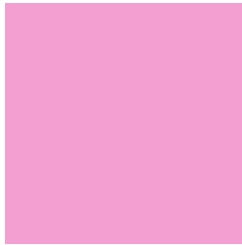
11.6010, 0.4561, 0.2286



1.0399, 0.4345, 0.2167

Previews

White Background



This preview shows how the Yxy color 48.4544, 0.3463, 0.2756 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 48.4544, 0.3463, 0.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

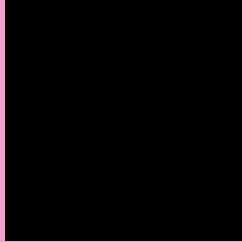
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4544, 0.3463, 0.2756

Background



This preview shows how black text looks on a background with the Yxy color 48.4544, 0.3463, 0.2756.



This preview shows how white text looks on a background with the Yxy color 48.4544, 0.3463, 0.2756.

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

48.4544, 0.3463, 0.2756

Protanopia

48.9473, 0.2768, 0.2786

Deuteranopia

48.5196, 0.3049, 0.2984



Tritanopia

48.4353, 0.3716, 0.3158

Trichromacy



Original Color

48.4544, 0.3463, 0.2756



Protanomaly

48.0538, 0.2993, 0.2769



Deuteranomaly

47.9583, 0.3198, 0.2892



Tritanomaly

48.3938, 0.3615, 0.3005

Monochromacy



Original Color

48.4544, 0.3463, 0.2756



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.8267, 0.3240, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4544, 0.3463, 0.2756 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(243, 159, 209)` looks like.

```
.text, #text, p{  
    color:rgb(243, 159, 209)  
}
```

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(243, 159, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 159, 209) }
```

Border

The CSS property to change the border of an element to Yxy 48.4544, 0.3463, 0.2756 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(243, 159, 209) }
```

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

```
.border{ border-color:rgb(243, 159, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 159, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 159, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 159, 209);  
box-shadow:4px 4px 4px 4px rgb(243, 159,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4544, 0.3463, 0.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 159, 209) }
```

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

```
.background{ background-color: rgb(243,  
159, 209) }
```

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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