

Converting Colors

$Y_{xy}(48.3900, 0.3523, 0.2886)$

Have a look what the booklet for
Yxy(48.3900, 0.3523, 0.2886)
contains.

Yxy(48.4894, 0.3523, 0.2888)	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(48.4894, 0.3523, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	F0A2C7
RGB	240, 162, 199
RGB Percent	94%, 64%, 78%
CMY	0.0590, 0.3646, 0.2197
CMYK	0.00, 0.32, 0.17, 0.06
HSL	332°, 72%, 79%
HSV	332°, 32%, 94%
XYZ	59.1510, 48.4894, 60.2592
YIQ	189.5400, 34.6110, 28.0430

Conversions

Conversions Part 2

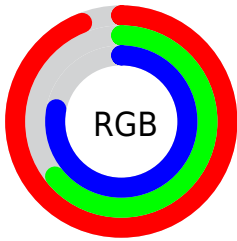
Format	Color
R _Y B	240, 162, 199
Decimal	15770311
CIE Lab	75.13, 34.07, -7.08
CIE LCh	75, 34.800, 348.263
Yxy	48.4894, 0.3523, 0.2888
Android (android.graphics.Color)	4293960391 (0xFFFF0A2C7)
YUV	189.5400, 4.6638, 44.2534
Hunter-Lab	69.6343, 29.7671, -2.5635

Details

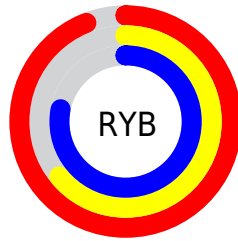
The Yxy color **48.4894, 0.3523, 0.2888** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **74.2921, 0.2856, 0.3734**, and the grayscale version is **51.1729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **23.0489, 0.3636, 0.2783** is the 20% darker color. If you saturate the color by 10%, you get **40.2651, 0.3699, 0.2762**, and if you desaturate by 10%, it is **58.3798, 0.3375, 0.3016**.

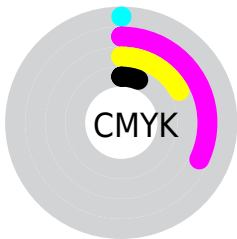
Distribution



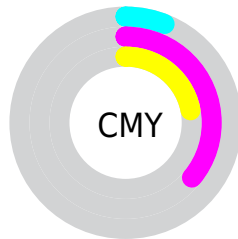
- Red (94%)
- Green (64%)
- Blue (78%)



- Red (94%)
- Yellow (64%)
- Blue (78%)



- Cyan (0%)
- Magenta (32%)
- Yellow (17%)
- Black (6%)





- Cyan (6%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4894, 0.3523, 0.2888 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 48.4894, 0.3523, 0.2888 by changing the saturation by 10% instead.


 48.4894, 0.3523,
0.2888


 48.4894, 0.3523,
0.2888

380.7287, 0.3330,
0.3082

 34.2146, 0.3570,
0.2842


 87.9326, 0.3454,
0.2957

 23.0585, 0.3630,
0.2784

 113.8699, 0.3427,
0.2983

 14.6367, 0.3708,
0.2708


144.4634, 0.3405,
0.3005

 8.5648, 0.3814,
0.2607

180.0975, 0.3386,
0.3025

 4.4584, 0.3968,
0.2464

221.1567, 0.3369,
0.3042

 1.9332, 0.4208,
0.2246

268.0254, 0.3354,

 0.5682, 0.4688,

0.3057

0.1787

321.0880, 0.3341,
0.3070

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.4894, 0.3523,
0.2888

48.4894, 0.3523,
0.2888

40.2651, 0.3699,
0.2762

58.3798, 0.3375,
0.3016

33.6070, 0.3904,
0.2647

70.0154, 0.3251,
0.3142

28.4148, 0.4136,
0.2554

83.4783, 0.3150,
0.3262

24.5737, 0.4391,
0.2494

96.9057, 0.3066,
0.3344

■ 21.9516, 0.4656,
0.2482

■ 97.2578, 0.3035,
0.3290

■ 20.3888, 0.4918,
0.2524

■ 19.7273, 0.5106,
0.2586

Harmonies

Analogous

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



48.4894, 0.3033, 0.2634



48.4894, 0.3523, 0.2888



48.4894, 0.3921, 0.3238

Triad

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



48.4894, 0.3523, 0.2888



48.4894, 0.3625, 0.4150



48.4894, 0.2253, 0.2845

Complementary

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



48.4894, 0.3523, 0.2888



74.2921, 0.2856, 0.3734

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.



48.4894, 0.2385, 0.3266



48.4894, 0.3523, 0.2888



48.4894, 0.3161, 0.4083

Square

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



48.4894, 0.3523, 0.2888



48.4894, 0.3970, 0.3959



48.4894, 0.2709, 0.3742



48.4894, 0.2330, 0.2589

Rectangle

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



48.4894, 0.3523, 0.2888



48.4894, 0.4063, 0.3494



48.4894, 0.2709, 0.3742



48.4894, 0.2274, 0.2970

Sweetspot

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



48.4916, 0.3523, 0.2888



83.9619, 0.3225, 0.3172



44.7376, 0.2853, 0.2404



17.5259, 0.3240, 0.3155



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.



48.4916, 0.3523, 0.2888



49.1836, 0.3637, 0.2804



47.4390, 0.3876, 0.3307



15.8836, 0.3219, 0.3179



10.8299, 0.5068, 0.2566



0.9209, 0.4759, 0.2395

Inverse Universe

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



48.4916, 0.3523, 0.2888



49.1836, 0.3637, 0.2804



75.5067, 0.2662, 0.3274



15.8836, 0.3219, 0.3179



10.8299, 0.5068, 0.2566



0.9209, 0.4759, 0.2395

Previews

White Background



This preview shows how the Yxy color 48.4894, 0.3523, 0.2888 looks on a white background.

Color Contrast Check

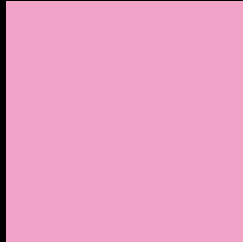
Large Text (above 18pt) WCAG AA × Fail

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 48.4894, 0.3523, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

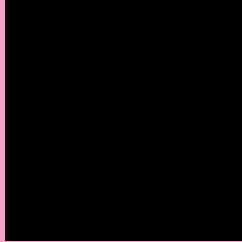
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4894, 0.3523, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 48.4894, 0.3523, 0.2888.



This preview shows how white text looks on a background with the Yxy color 48.4894, 0.3523, 0.2888.

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

48.4894, 0.3523, 0.2888

Protanopia

48.7884, 0.2880, 0.2928

Deuteranopia

48.7702, 0.3162, 0.3094



Tritanopia

48.6639, 0.3694, 0.3158

Trichromacy



Original Color

48.4894, 0.3523, 0.2888



Protanomaly

48.1613, 0.3094, 0.2907



Deuteranomaly

48.2145, 0.3291, 0.3007



Tritanomaly

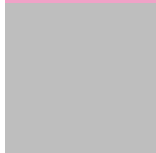
48.8062, 0.3630, 0.3059

Monochromacy



Original Color

48.4894, 0.3523, 0.2888



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.9027, 0.3264, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4894, 0.3523, 0.2888 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(240, 162, 199)` looks like.

```
.text, #text, p{  
    color:rgb(240, 162, 199)  
}
```

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(240, 162, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 162, 199) }
```

Border

The CSS property to change the border of an element to Yxy 48.4894, 0.3523, 0.2888 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(240, 162, 199) }
```

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

```
.border{ border-color:rgb(240, 162, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 162, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 162, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 162, 199);  
box-shadow:4px 4px 4px 4px rgb(240, 162,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4894, 0.3523, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 162, 199) }
```

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

```
.background{ background-color: rgb(240,  
162, 199) }
```

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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