

Converting Colors

$Y_{xy}(45.9268, 0.3741, 0.3085)$

Have a look what the booklet for
Yxy(45.9268, 0.3741, 0.3085)
contains.

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Color

Yxy(45.9390, 0.3745, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	EF9EB0
RGB	239, 158, 176
RGB Percent	94%, 62%, 69%
CMY	0.0628, 0.3804, 0.3097
CMYK	0.00, 0.34, 0.26, 0.06
HSL	347°, 72%, 78%
HSV	347°, 34%, 94%
XYZ	55.6589, 45.9390, 47.0239
YIQ	184.2710, 42.4980, 22.7700

Conversions

Conversions Part 2

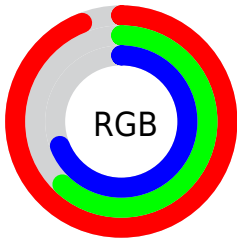
Format	Color
R _Y B	239, 158, 176
Decimal	15703728
CIE Lab	73.51, 32.51, 3.14
CIE LCh	74, 32.664, 5.524
Yxy	45.9390, 0.3745, 0.3091
Android (android.graphics.Color)	4293893808 (0xFFEF9EB0)
YUV	184.2710, -4.0776, 47.9973
Hunter-Lab	67.7783, 27.9703, 6.3100

Details

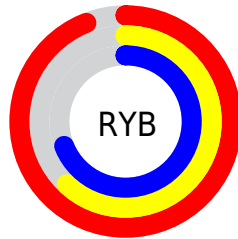
The Yxy color **45.9390, 0.3745, 0.3091** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.2136, 0.2738, 0.3503**, and the grayscale version is **48.0978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6747, 0.3305, 0.3101**, and **21.3821, 0.3915, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **37.8790, 0.4024, 0.3033**, and if you desaturate by 10%, it is **55.6892, 0.3515, 0.3152**.

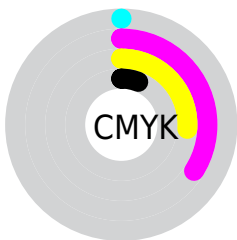
Distribution



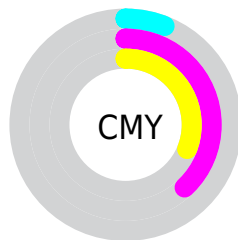
- Red (94%)
- Green (62%)
- Blue (69%)



- Red (94%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (34%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.9390, 0.3745, 0.3091 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 45.9390, 0.3745, 0.3091 by changing the saturation by 10% instead.


 45.9390, 0.3745,
0.3091


 45.9390, 0.3745,
0.3091


370.5634, 0.3434,
0.3193

 32.1977, 0.3823,
0.3065


 84.1277, 0.3632,
0.3129

 21.5125, 0.3923,
0.3030


 109.3439, 0.3589,
0.3143

 13.4992, 0.4057,
0.2984


139.1538, 0.3553,
0.3155

 7.7732, 0.4244,
0.2918

173.9419, 0.3523,
0.3165

 3.9501, 0.4522,
0.2817

214.0924, 0.3496,
0.3173

 1.6457, 0.4977,
0.2645

259.9900, 0.3473,

 0.3881, 0.6710,

0.3181

0.2161

312.0188, 0.3452,
0.3188

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.9390, 0.3745,
0.3091

45.9390, 0.3745,
0.3091

37.8790, 0.4024,
0.3033

55.6892, 0.3515,
0.3152

31.4064, 0.4355,
0.2983

67.2118, 0.3329,
0.3212

26.4173, 0.4732,
0.2952

80.5914, 0.3178,
0.3269

22.7925, 0.5138,
0.2948

95.9051, 0.3056,
0.3322

■ 20.3944, 0.5535,
0.2981

■ 97.0883, 0.3029,
0.3290

■ 19.0558, 0.5878,
0.3052

■ 18.6071, 0.6048,
0.3105

Harmonies

Analogous

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



45.9390, 0.3309, 0.2787



45.9390, 0.3745, 0.3091



45.9390, 0.4009, 0.3454

Triad

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



45.9390, 0.3745, 0.3091



45.9390, 0.3356, 0.4108



45.9390, 0.2307, 0.2702

Complementary

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



45.9390, 0.3745, 0.3091



74.2136, 0.2738, 0.3503

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.



45.9390, 0.2318, 0.3022



45.9390, 0.3745, 0.3091



45.9390, 0.2903, 0.3885

Square

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



45.9390, 0.3745, 0.3091



45.9390, 0.3766, 0.4060



45.9390, 0.2528, 0.3464



45.9390, 0.2493, 0.2560

Rectangle

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



45.9390, 0.3745, 0.3091



45.9390, 0.4042, 0.3695



45.9390, 0.2528, 0.3464



45.9390, 0.2288, 0.2790

Sweetspot

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



45.9412, 0.3745, 0.3091



83.5840, 0.3267, 0.3234



45.9181, 0.3006, 0.2407



17.4348, 0.3289, 0.3226



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.



45.9412, 0.3745, 0.3091



46.2616, 0.3942, 0.3048



53.2999, 0.3844, 0.3532



15.8164, 0.3258, 0.3238



10.3002, 0.6011, 0.3085



0.8714, 0.5650, 0.2886

Inverse Universe

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



45.9412, 0.3745, 0.3091



46.2616, 0.3942, 0.3048



63.3296, 0.2613, 0.3031



15.8164, 0.3258, 0.3238



10.3002, 0.6011, 0.3085



0.8714, 0.5650, 0.2886

Previews

White Background



This preview shows how the Yxy color 45.9390, 0.3745, 0.3091 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 45.9390, 0.3745, 0.3091 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 45.9390, 0.3745, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 45.9390, 0.3745, 0.3091.



This preview shows how white text looks on a background with the Yxy color 45.9390, 0.3745, 0.3091.

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

45.9390, 0.3745, 0.3091

Protanopia

46.2617, 0.3073, 0.3174

Deuteranopia

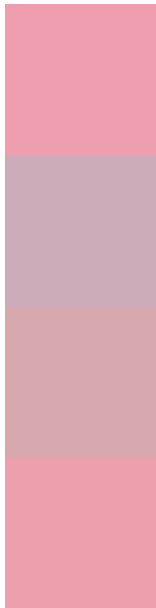
46.0946, 0.3378, 0.3316



Tritanopia

45.9137, 0.3783, 0.3157

Trichromacy



Original Color

45.9390, 0.3745, 0.3091

Protanomaly

45.6622, 0.3305, 0.3142

Deuteranomaly

45.8790, 0.3511, 0.3231

Tritanomaly

45.9905, 0.3763, 0.3135

Monochromacy



Original Color

45.9390, 0.3745, 0.3091

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.8335, 0.3336, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9390, 0.3745, 0.3091 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(239, 158, 176)` looks like.

```
.text, #text, p{  
    color:rgb(239, 158, 176)  
}
```

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(239, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 158, 176) }
```

Border

The CSS property to change the border of an element to Yxy 45.9390, 0.3745, 0.3091 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(239, 158, 176) }
```

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

```
.border{ border-color:rgb(239, 158, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 158, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(239, 158,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9390, 0.3745, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 158, 176) }
```

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

```
.background{ background-color: rgb(239,  
158, 176) }
```

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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