

Converting Colors

$Yxy(48.7777, 0.3696, 0.3218)$

Have a look what the booklet for
Yxy(48.7777, 0.3696, 0.3218)
contains.

Yxy(48.7626, 0.3690, 0.3213)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.7626, 0.3690, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	EBA8AF
RGB	235, 168, 175
RGB Percent	92%, 66%, 69%
CMY	0.0784, 0.3412, 0.3138
CMYK	0.00, 0.29, 0.26, 0.08
HSL	354°, 63%, 79%
HSV	354°, 29%, 92%
XYZ	56.0019, 48.7626, 47.0021
YIQ	188.8310, 37.6850, 16.3810

Conversions

Conversions Part 2

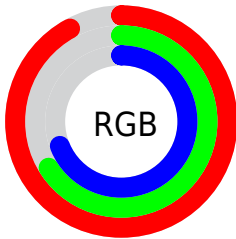
Format	Color
R _Y B	235, 168, 175
Decimal	15444143
CIE Lab	75.30, 25.62, 6.27
CIE LCh	75, 26.377, 13.744
Yxy	48.7626, 0.3690, 0.3213
Android (android.graphics.Color)	4293634223 (0xFFEBA8AF)
YUV	188.8310, -6.8187, 40.4902
Hunter-Lab	69.8302, 20.9491, 8.9736

Details

The Yxy color **48.7626, 0.3690, 0.3213** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.3527, 0.2751, 0.3370**, and the grayscale version is **50.8115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2845, 0.3307, 0.3231**, and **23.1565, 0.3847, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **40.0935, 0.3984, 0.3185**, and if you desaturate by 10%, it is **59.1333, 0.3452, 0.3241**.

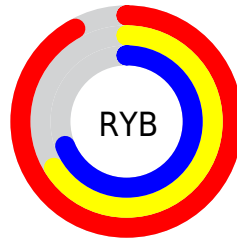
Distribution



Red (92%)

Green (66%)

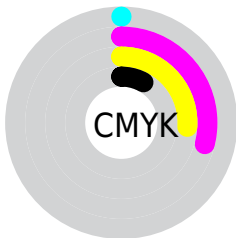
Blue (69%)



Red (92%)

Yellow (66%)

Blue (69%)

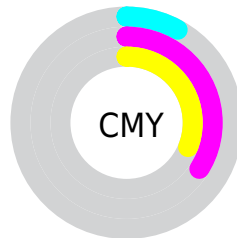


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (34%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7626, 0.3690, 0.3213 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 48.7626, 0.3690, 0.3213 by changing the saturation by 10% instead.


 48.7626, 0.3690,
0.3213


 48.7626, 0.3690,
0.3213

381.8070, 0.3409,
0.3256

 34.4312, 0.3760,
0.3201


 88.3388, 0.3588,
0.3229

 23.2251, 0.3850,
0.3186

 114.3523, 0.3550,
0.3235

 14.7598, 0.3969,
0.3164


145.0287, 0.3517,
0.3240

 8.6510, 0.4135,
0.3131

180.7523, 0.3489,
0.3244

 4.5142, 0.4379,
0.3078

221.9075, 0.3465,
0.3248

 1.9652, 0.4775,
0.2982

268.8788, 0.3444,

 0.5871, 0.6098,

0.3251

0.2906

322.0505, 0.3425,
0.3253

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.7626, 0.3690,
0.3213

48.7626, 0.3690,
0.3213

40.0935, 0.3984,
0.3185

59.1333, 0.3452,
0.3241

33.0288, 0.4338,
0.3161

71.2825, 0.3260,
0.3268

27.4717, 0.4751,
0.3145

85.2907, 0.3106,
0.3294

23.3125, 0.5200,
0.3142

96.4042, 0.3005,
0.3290

■ 20.4264, 0.5644,
0.3157

■ 18.6665, 0.6020,
0.3192

■ 17.8219, 0.6272,
0.3239

■ 17.7320, 0.6300,
0.3244

Harmonies

Analogous

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



48.7626, 0.3375, 0.2945



48.7626, 0.3690, 0.3213



48.7626, 0.3846, 0.3511

Triad

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



48.7626, 0.3690, 0.3213



48.7626, 0.3215, 0.3901



48.7626, 0.2493, 0.2777

Complementary

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



48.7626, 0.3690, 0.3213



73.3527, 0.2751, 0.3370

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.



48.7626, 0.2458, 0.3001



48.7626, 0.3690, 0.3213



48.7626, 0.2861, 0.3675

Square

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



48.7626, 0.3690, 0.3213



48.7626, 0.3559, 0.3930



48.7626, 0.2588, 0.3332



48.7626, 0.2687, 0.2697

Rectangle

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



48.7626, 0.3690, 0.3213



48.7626, 0.3835, 0.3696



48.7626, 0.2588, 0.3332



48.7626, 0.2463, 0.2836

Sweetspot

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



48.7649, 0.3690, 0.3213



84.9670, 0.3269, 0.3267



50.3681, 0.3095, 0.2567



17.7033, 0.3295, 0.3263



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.



48.7649, 0.3690, 0.3213



52.5630, 0.3848, 0.3197



58.9374, 0.3676, 0.3578



15.0795, 0.3277, 0.3266



9.8762, 0.6277, 0.3231



0.7841, 0.6009, 0.3084

Inverse Universe

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



48.7649, 0.3690, 0.3213



52.5630, 0.3848, 0.3197



60.0849, 0.2682, 0.2982



15.0795, 0.3277, 0.3266



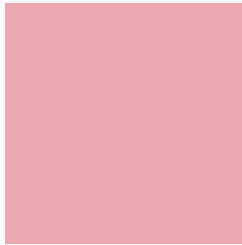
9.8762, 0.6277, 0.3231



0.7841, 0.6009, 0.3084

Previews

White Background



This preview shows how the Yxy color 48.7626, 0.3690, 0.3213 looks on a white background.

Color Contrast Check

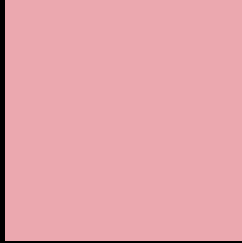
Large Text (above 18pt) WCAG AA × Fail

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 48.7626, 0.3690, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

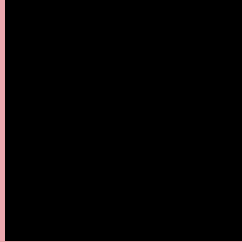
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7626, 0.3690, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 48.7626, 0.3690, 0.3213.



This preview shows how white text looks on a background with the Yxy color 48.7626, 0.3690, 0.3213.

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

48.7626, 0.3690, 0.3213

Protanopia

48.9774, 0.3169, 0.3303

Deuteranopia

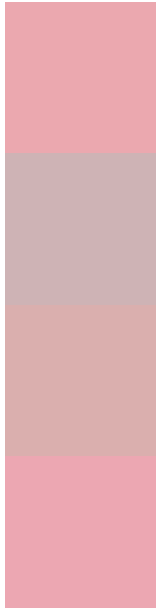
48.8126, 0.3443, 0.3364



Tritanopia

48.7656, 0.3654, 0.3146

Trichromacy



Original Color

48.7626, 0.3690, 0.3213

Protanomaly

48.6982, 0.3348, 0.3266

Deuteranomaly

48.6214, 0.3525, 0.3303

Tritanomaly

48.6847, 0.3673, 0.3168

Monochromacy



Original Color

48.7626, 0.3690, 0.3213

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.6303, 0.3320, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7626, 0.3690, 0.3213 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(235, 168, 175)` looks like.

```
.text, #text, p{  
    color:rgb(235, 168, 175)  
}
```

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(235, 168, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 168, 175) }
```

Border

The CSS property to change the border of an element to Yxy 48.7626, 0.3690, 0.3213 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(235, 168, 175) }
```

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

```
.border{ border-color:rgb(235, 168, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 168, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 168, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 168, 175);  
box-shadow:4px 4px 4px 4px rgb(235, 168,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7626, 0.3690, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 168, 175) }
```

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

```
.background{ background-color: rgb(235,  
168, 175) }
```

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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