

Converting Colors

$Y_{xy}(49.9283, 0.3684, 0.3213)$

Have a look what the booklet for
Yxy(49.9283, 0.3684, 0.3213)
contains.

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Color

Yxy(49.9283, 0.3684, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	EDAAB1
RGB	237, 170, 177
RGB Percent	93%, 67%, 69%
CMY	0.0704, 0.3334, 0.3058
CMYK	0.00, 0.28, 0.25, 0.07
HSL	354°, 65%, 80%
HSV	354°, 28%, 93%
XYZ	57.2474, 49.9283, 48.2190
YIQ	190.8310, 37.6850, 16.3810

Conversions

Conversions Part 2

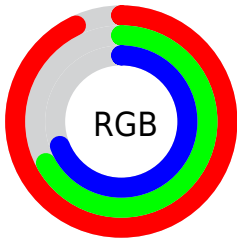
Format	Color
R_{YB}	237, 170, 177
Decimal	15575729
CIE _{Lab}	76.03, 25.60, 6.22
CIE _{LCh}	76, 26.340, 13.655
Yxy	49.9283, 0.3684, 0.3213
Android (android.graphics.Color)	4293765809 (0xFFEDAAB1)
YUV	190.8310, -6.8187, 40.4902
Hunter-Lab	70.6600, 20.9625, 9.0020

Details

The Yxy color **49.9283, 0.3684, 0.3213** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74.8533, 0.2753, 0.3370**, and the grayscale version is **52.0236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5359, 0.3285, 0.3221**, and **23.9065, 0.3837, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **41.0496, 0.3976, 0.3185**, and if you desaturate by 10%, it is **60.5455, 0.3447, 0.3241**.

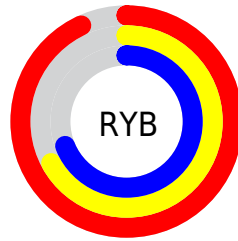
Distribution



Red (93%)

Green (67%)

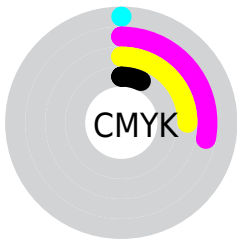
Blue (69%)



Red (93%)

Yellow (67%)

Blue (69%)

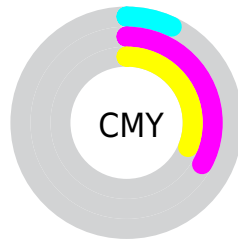


Cyan (0%)

Magenta (28%)

Yellow (25%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9283, 0.3684, 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 49.9283, 0.3684, 0.3213 by changing the saturation by 10% instead.


 49.9283, 0.3684,
0.3213

 49.9283, 0.3684,
0.3213

386.3855, 0.3407,
0.3255

 35.3564, 0.3753,
0.3201


 90.0686, 0.3584,
0.3229

 23.9376, 0.3841,
0.3186


116.4059, 0.3546,
0.3235

 15.2873, 0.3957,
0.3164


147.4337, 0.3514,
0.3240

 9.0213, 0.4118,
0.3133

183.5365, 0.3486,
0.3244

 4.7551, 0.4355,
0.3082

225.0987, 0.3463,
0.3247

 2.1043, 0.4735,
0.2990

272.5047, 0.3442,

 0.6670, 0.5814,

0.3250

0.2913

326.1388, 0.3423,
0.3253

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.9283, 0.3684,
0.3213

49.9283, 0.3684,
0.3213

41.0496, 0.3976,
0.3185

60.5455, 0.3447,
0.3241

33.8102, 0.4330,
0.3161

72.9795, 0.3256,
0.3269

28.1116, 0.4741,
0.3144

87.3124, 0.3103,
0.3294

23.8419, 0.5190,
0.3140

96.7523, 0.3018,
0.3290

■ 20.8742, 0.5634,
0.3155

■ 19.0589, 0.6012,
0.3190

■ 18.1864, 0.6267,
0.3238

■ 18.0818, 0.6299,
0.3244

Harmonies

Analogous

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



49.9283, 0.3372, 0.2948



49.9283, 0.3684, 0.3213



49.9283, 0.3839, 0.3509

Triad

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



49.9283, 0.3684, 0.3213



49.9283, 0.3216, 0.3895



49.9283, 0.2499, 0.2782

Complementary

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



49.9283, 0.3684, 0.3213



74.8533, 0.2753, 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.



49.9283, 0.2464, 0.3005



49.9283, 0.3684, 0.3213



49.9283, 0.2865, 0.3672

Square

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



49.9283, 0.3684, 0.3213



49.9283, 0.3556, 0.3923



49.9283, 0.2594, 0.3333



49.9283, 0.2691, 0.2702

Rectangle

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



49.9283, 0.3684, 0.3213



49.9283, 0.3829, 0.3692



49.9283, 0.2594, 0.3333



49.9283, 0.2469, 0.2841

Sweetspot

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



49.9306, 0.3684, 0.3213



86.5469, 0.3252, 0.3269



51.5552, 0.3096, 0.2572



18.0180, 0.3278, 0.3265



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.



49.9306, 0.3684, 0.3213



52.5657, 0.3848, 0.3197



60.2547, 0.3671, 0.3576



15.0797, 0.3276, 0.3266



9.8767, 0.6275, 0.3231



0.7842, 0.6006, 0.3082

Inverse Universe

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



49.9306, 0.3684, 0.3213



52.5657, 0.3848, 0.3197



61.4184, 0.2685, 0.2985



15.0797, 0.3276, 0.3266



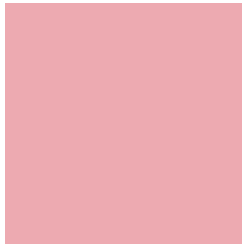
9.8767, 0.6275, 0.3231



0.7842, 0.6006, 0.3082

Previews

White Background



This preview shows how the Yxy color 49.9283, 0.3684, 0.3213 looks on a white background.

Color Contrast Check

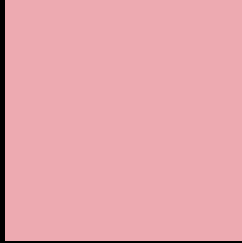
Large Text (above 18pt) WCAG AA × Fail

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 49.9283, 0.3684, 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 49.9283, 0.3684, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 49.9283, 0.3684, 0.3213.



This preview shows how white text looks on a background with the Yxy color 49.9283, 0.3684, 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

49.9283, 0.3684, 0.3213

Protanopia

50.1622, 0.3168, 0.3303

Deuteranopia

49.9918, 0.3440, 0.3364



Tritanopia

49.9305, 0.3649, 0.3147

Trichromacy



Original Color

49.9283, 0.3684, 0.3213

Protanomaly

49.8765, 0.3345, 0.3266

Deuteranomaly

49.7945, 0.3520, 0.3303

Tritanomaly

49.8484, 0.3667, 0.3169

Monochromacy



Original Color

49.9283, 0.3684, 0.3213

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.8220, 0.3318, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9283, 0.3684, 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(237, 170, 177)` looks like.

```
.text, #text, p{  
    color:rgb(237, 170, 177)  
}
```

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(237, 170, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 170, 177) }
```

Border

The CSS property to change the border of an element to Yxy 49.9283, 0.3684, 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(237, 170, 177) }
```

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

```
.border{ border-color:rgb(237, 170, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 170, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 170, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 170, 177);  
box-shadow:4px 4px 4px 4px rgb(237, 170,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9283, 0.3684, 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(237, 170, 177) }
```

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

```
.background{ background-color: rgb(237,  
170, 177) }
```

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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