

Converting Colors

$Yxy(44.9226, 0.3705, 0.3131)$

Have a look what the booklet for
Yxy(44.9226, 0.3705, 0.3131)
contains.

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Color

Yxy(44.9692, 0.3706, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	E89FAD
RGB	232, 159, 173
RGB Percent	91%, 62%, 68%
CMY	0.0903, 0.3764, 0.3216
CMYK	0.00, 0.31, 0.25, 0.09
HSL	349°, 61%, 77%
HSV	349°, 31%, 91%
XYZ	53.2107, 44.9692, 45.3999
YIQ	182.4230, 39.0140, 19.8300

Conversions

Conversions Part 2

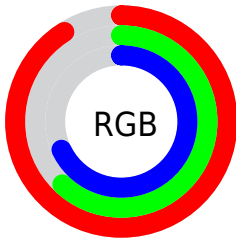
Format	Color
R _Y B	232, 159, 173
Decimal	15245229
CIE Lab	72.87, 29.02, 3.81
CIE LCh	73, 29.270, 7.482
Yxy	44.9692, 0.3706, 0.3132
Android (android.graphics.Color)	4293435309 (0xFFE89FAD)
YUV	182.4230, -4.6455, 43.4790
Hunter-Lab	67.0591, 24.2845, 6.8012

Details

The Yxy color **44.9692, 0.3706, 0.3132** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.1321, 0.2751, 0.3457**, and the grayscale version is **47.0321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9546, 0.3332, 0.3150**, and **21.0098, 0.3872, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **37.0506, 0.3983, 0.3081**, and if you desaturate by 10%, it is **54.4911, 0.3479, 0.3184**.

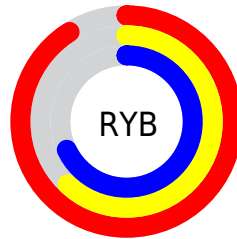
Distribution



Red (91%)

Green (62%)

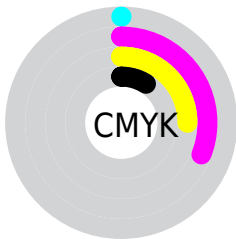
Blue (68%)



Red (91%)

Yellow (62%)

Blue (68%)

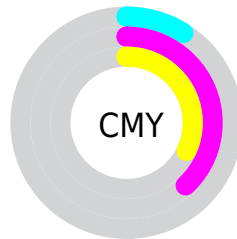


Cyan (0%)

Magenta (31%)

Yellow (25%)

Black (9%)



Cyan (9%)


Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9692, 0.3706, 0.3132 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 44.9692, 0.3706, 0.3132 by changing the saturation by 10% instead.


 44.9692, 0.3706,
0.3132


 44.9692, 0.3706,
0.3132


366.6488, 0.3414,
0.3215

 31.4332, 0.3780,
0.3110


 82.6742, 0.3599,
0.3163

 20.9289, 0.3875,
0.3082


 107.6119, 0.3559,
0.3174

 13.0721, 0.4003,
0.3043


137.1190, 0.3525,
0.3184

 7.4782, 0.4182,
0.2987

171.5799, 0.3497,
0.3192

 3.7629, 0.4451,
0.2900

211.3789, 0.3472,
0.3199

 1.5418, 0.4897,
0.2747

256.9005, 0.3450,

 0.3179, 0.7200,

0.3205

0.2239

308.5290, 0.3431,
0.3210

0.0000, 0.0000,
0.0000

44.9692, 0.3706,
0.3132

44.9692, 0.3706,
0.3132

37.0506, 0.3983,
0.3081

54.4911, 0.3479,
0.3184

30.6407, 0.4315,
0.3037

65.6912, 0.3295,
0.3235

25.6450, 0.4698,
0.3007

78.6475, 0.3146,
0.3283

21.9555, 0.5114,
0.3000

93.4311, 0.3026,
0.3328

19.4485, 0.5528,
0.3024

95.8908, 0.2987,
0.3290

■ 17.9763, 0.5889,
0.3083

■ 17.3355, 0.6127,
0.3149

Harmonies

Analogous

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



44.9692, 0.3321, 0.2847



44.9692, 0.3706, 0.3132



44.9692, 0.3930, 0.3465

Triad

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



44.9692, 0.3706, 0.3132



44.9692, 0.3311, 0.4018



44.9692, 0.2387, 0.2745

Complementary

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



44.9692, 0.3706, 0.3132



70.1321, 0.2751, 0.3457

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.



44.9692, 0.2386, 0.3028



44.9692, 0.3706, 0.3132



44.9692, 0.2901, 0.3802

Square

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



44.9692, 0.3706, 0.3132



44.9692, 0.3686, 0.3996



44.9692, 0.2568, 0.3422



44.9692, 0.2569, 0.2624

Rectangle

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



44.9692, 0.3706, 0.3132



44.9692, 0.3950, 0.3683



44.9692, 0.2568, 0.3422



44.9692, 0.2366, 0.2823

Sweetspot

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



44.9713, 0.3706, 0.3132



85.0832, 0.3256, 0.3247



45.4388, 0.3038, 0.2479



17.7317, 0.3279, 0.3240



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.



44.9713, 0.3706, 0.3132



48.9078, 0.3887, 0.3097



52.6647, 0.3768, 0.3541



14.4128, 0.3262, 0.3245



9.6406, 0.6092, 0.3130



0.7252, 0.5699, 0.2913

Inverse Universe

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



44.9713, 0.3706, 0.3132



48.9078, 0.3887, 0.3097



59.3333, 0.2645, 0.3023



14.4128, 0.3262, 0.3245



9.6406, 0.6092, 0.3130



0.7252, 0.5699, 0.2913

Previews

White Background



This preview shows how the Yxy color 44.9692, 0.3706, 0.3132 looks on a white background.

Color Contrast Check

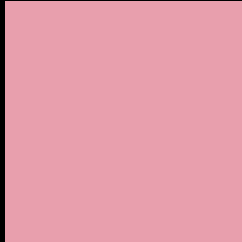
Large Text (above 18pt) WCAG AA × Fail

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 44.9692, 0.3706, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

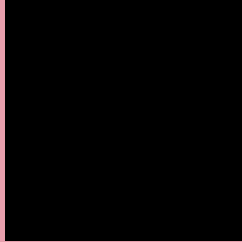
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9692, 0.3706, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 44.9692, 0.3706, 0.3132.



This preview shows how white text looks on a background with the Yxy color 44.9692, 0.3706, 0.3132.

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

44.9692, 0.3706, 0.3132

Protanopia

45.1252, 0.3105, 0.3211

Deuteranopia

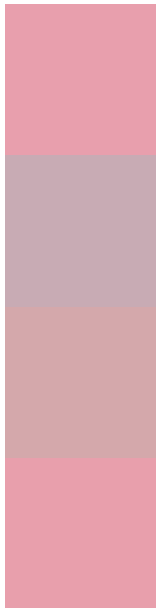
45.0688, 0.3399, 0.3329



Tritanopia

44.8924, 0.3726, 0.3154

Trichromacy



Original Color

44.9692, 0.3706, 0.3132

Protanomaly

44.7005, 0.3314, 0.3178

Deuteranomaly

44.9426, 0.3512, 0.3255

Tritanomaly

44.9306, 0.3716, 0.3143

Monochromacy



Original Color

44.9692, 0.3706, 0.3132

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8061, 0.3319, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9692, 0.3706, 0.3132 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(232, 159, 173)` looks like.

```
.text, #text, p{  
    color:rgb(232, 159, 173)  
}
```

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(232, 159, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 159, 173) }
```

Border

The CSS property to change the border of an element to Yxy 44.9692, 0.3706, 0.3132 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(232, 159, 173) }
```

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

```
.border{ border-color:rgb(232, 159, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 159, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 159, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 159, 173);  
box-shadow:4px 4px 4px 4px rgb(232, 159,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9692, 0.3706, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 159, 173) }
```

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

```
.background{ background-color: rgb(232,  
159, 173) }
```

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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