

Converting Colors

$Yxy(46.5817, 0.3804, 0.3231)$

Have a look what the booklet for
Yxy(46.5817, 0.3804, 0.3231)
contains.

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Color

Yxy(46.6352, 0.3804, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	EDA2A7
RGB	237, 162, 167
RGB Percent	93%, 64%, 65%
CMY	0.0705, 0.3647, 0.3452
CMYK	0.00, 0.32, 0.30, 0.07
HSL	356°, 68%, 78%
HSV	356°, 32%, 93%
XYZ	54.8209, 46.6352, 42.6577
YIQ	184.9950, 43.0950, 17.4550

Conversions

Conversions Part 2

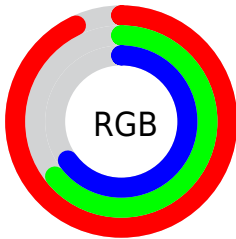
Format	Color
R _Y B	237, 162, 167
Decimal	15573671
CIE Lab	73.96, 28.46, 8.75
CIE LCh	74, 29.778, 17.092
Yxy	46.6352, 0.3804, 0.3236
Android (android.graphics.Color)	4293763751 (0xFFEDA2A7)
YUV	184.9950, -8.8715, 45.6084
Hunter-Lab	68.2900, 23.7863, 10.7672

Details

The Yxy color **46.6352, 0.3804, 0.3236** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74.0848, 0.2700, 0.3347**, and the grayscale version is **48.5457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1596, 0.3371, 0.3240**, and **21.9734, 0.3994, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **38.3098, 0.4131, 0.3219**, and if you desaturate by 10%, it is **56.6786, 0.3538, 0.3254**.

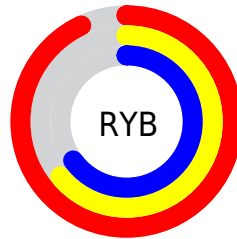
Distribution



Red (93%)

Green (64%)

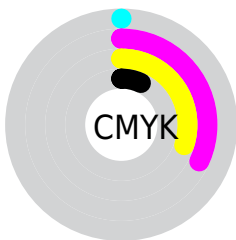
Blue (65%)



Red (93%)

Yellow (64%)

Blue (65%)

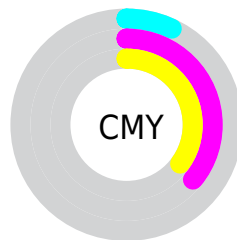


Cyan (0%)

Magenta (32%)

Yellow (30%)

Black (7%)



Cyan (7%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6352, 0.3804, 0.3236 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 46.6352, 0.3804, 0.3236 by changing the saturation by 10% instead.


 46.6352, 0.3804,
0.3236

 46.6352, 0.3804,
0.3236

373.3565, 0.3463,
0.3270

 32.7474, 0.3890,
0.3226


 85.1688, 0.3679,
0.3250

 21.9330, 0.4000,
0.3211


 110.5834, 0.3633,
0.3255

 13.8077, 0.4147,
0.3189


140.6090, 0.3593,
0.3258

 7.9870, 0.4353,
0.3156

175.6301, 0.3560,
0.3262

 4.0866, 0.4659,
0.3098

216.0310, 0.3531,
0.3264

 1.7221, 0.5155,
0.2984

262.1961, 0.3505,

 0.4379, 0.7226,

0.3266

0.2774

314.5098, 0.3483,
0.3268

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.6352, 0.3804,
0.3236

46.6352, 0.3804,
0.3236

38.3098, 0.4131,
0.3219

56.6786, 0.3538,
0.3254

31.6000, 0.4522,
0.3206

68.5217, 0.3323,
0.3271

26.4029, 0.4966,
0.3199

82.2490, 0.3152,
0.3287

22.6010, 0.5432,
0.3202

96.7463, 0.3017,
0.3290

■ 20.0592, 0.5862,
0.3219

■ 18.6161, 0.6186,
0.3247

■ 18.0428, 0.6347,
0.3270

Harmonies

Analogous

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



46.6352, 0.3456, 0.2928



46.6352, 0.3804, 0.3236



46.6352, 0.3957, 0.3573

Triad

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



46.6352, 0.3804, 0.3236



46.6352, 0.3178, 0.3977



46.6352, 0.2423, 0.2685

Complementary

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



46.6352, 0.3804, 0.3236



74.0848, 0.2700, 0.3347

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.



46.6352, 0.2362, 0.2920



46.6352, 0.3804, 0.3236



46.6352, 0.2780, 0.3694

Square

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



46.6352, 0.3804, 0.3236



46.6352, 0.3579, 0.4032



46.6352, 0.2487, 0.3290



46.6352, 0.2660, 0.2617

Rectangle

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



46.6352, 0.3804, 0.3236



46.6352, 0.3925, 0.3780



46.6352, 0.2487, 0.3290



46.6352, 0.2382, 0.2745

Sweetspot

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



46.6374, 0.3804, 0.3236



84.9172, 0.3275, 0.3275



49.1146, 0.3122, 0.2493



17.6912, 0.3302, 0.3273



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.



46.6374, 0.3804, 0.3236



48.4470, 0.4009, 0.3225



59.4246, 0.3740, 0.3652



15.0702, 0.3283, 0.3275



9.8563, 0.6329, 0.3260



0.7797, 0.6144, 0.3158

Inverse Universe

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



46.6374, 0.3804, 0.3236



48.4470, 0.4009, 0.3225



57.2243, 0.2627, 0.2896



15.0702, 0.3283, 0.3275



9.8563, 0.6329, 0.3260



0.7797, 0.6144, 0.3158

Previews

White Background



This preview shows how the Yxy color 46.6352, 0.3804, 0.3236 looks on a white background.

Color Contrast Check

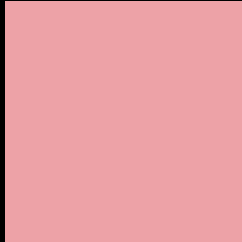
Large Text (above 18pt) WCAG AA × Fail

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 46.6352, 0.3804, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

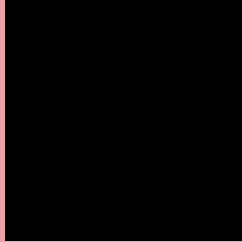
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.6352, 0.3804, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 46.6352, 0.3804, 0.3236.



This preview shows how white text looks on a background with the Yxy color 46.6352, 0.3804, 0.3236.

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

46.6352, 0.3804, 0.3236

Protanopia

46.7012, 0.3194, 0.3329

Deuteranopia

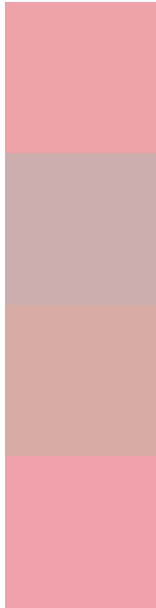
46.8528, 0.3501, 0.3440



Tritanopia

46.6840, 0.3757, 0.3158

Trichromacy



Original Color

46.6352, 0.3804, 0.3236

Protanomaly

46.3072, 0.3408, 0.3291

Deuteranomaly

46.5941, 0.3607, 0.3364

Tritanomaly

46.6072, 0.3777, 0.3180

Monochromacy



Original Color

46.6352, 0.3804, 0.3236

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.4960, 0.3359, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6352, 0.3804, 0.3236 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, 162, 167)` looks like.

```
.text, #text, p{  
    color:rgb(237, 162, 167)  
}
```

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, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 162, 167) }
```

Border

The CSS property to change the border of an element to Yxy 46.6352, 0.3804, 0.3236 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, 162, 167) }
```

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

```
.border{ border-color:rgb(237, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 162, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 162, 167);  
box-shadow:4px 4px 4px 4px rgb(237, 162,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6352, 0.3804, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 162, 167) }
```

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

```
.background{ background-color: rgb(237,  
162, 167) }
```

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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