

Converting Colors

$Yxy(46.5009, 0.3821, 0.3292)$

Have a look what the booklet for
Yxy(46.5009, 0.3821, 0.3292)
contains.

Yxy(46.5009, 0.3821, 0.3292)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.5009, 0.3821, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	EBA3A3
RGB	235, 163, 163
RGB Percent	92%, 64%, 64%
CMY	0.0784, 0.3608, 0.3608
CMYK	0.00, 0.31, 0.31, 0.08
HSL	360°, 64%, 78%
HSV	360°, 31%, 92%
XYZ	53.9732, 46.5009, 40.7801
YIQ	184.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

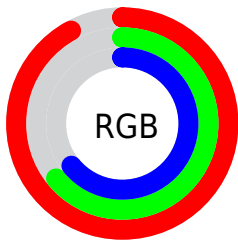
Format	Color
R _Y B	235, 163, 163
Decimal	15442851
CIE Lab	73.87, 26.68, 10.78
CIE LCh	74, 28.776, 22.006
Yxy	46.5009, 0.3821, 0.3292
Android (android.graphics.Color)	4293632931 (0xFFEBA3A3)
YUV	184.5280, -10.6133, 44.2639
Hunter-Lab	68.1916, 21.9465, 12.2773

Details

The Yxy color **46.5009, 0.3821, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.2125, 0.2687, 0.3289**, and the grayscale version is **48.2836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4648, 0.3398, 0.3291**, and **21.9816, 0.4032, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **38.1531, 0.4166, 0.3293**, and if you desaturate by 10%, it is **56.5604, 0.3541, 0.3291**.

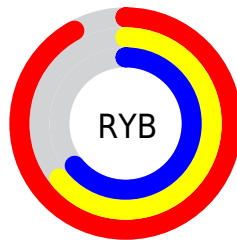
Distribution



Red (92%)

Green (64%)

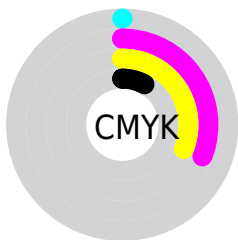
Blue (64%)



Red (92%)

Yellow (64%)

Blue (64%)

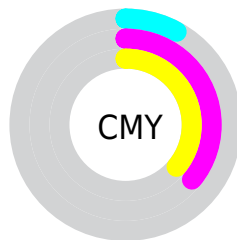


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (8%)



Cyan (8%)


Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5009, 0.3821, 0.3292 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 46.5009, 0.3821, 0.3292 by changing the saturation by 10% instead.


 46.5009, 0.3821,
0.3292

 46.5009, 0.3821,
0.3292


372.8188, 0.3471,
0.3299

 32.6413, 0.3909,
0.3288


 84.9681, 0.3693,
0.3296

 21.8518, 0.4023,
0.3281


 110.3445, 0.3645,
0.3298

 13.7480, 0.4174,
0.3269

140.3287, 0.3605,
0.3298

 7.9456, 0.4386,
0.3248

175.3049, 0.3570,
0.3299

 4.0602, 0.4700,
0.3207

215.6576, 0.3540,
0.3299

 1.7073, 0.5210,
0.3115

261.7713, 0.3514,

 0.4284, 0.7155,

0.3299

0.2845

314.0302, 0.3491,
0.3299

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.5009, 0.3821,
0.3292

46.5009, 0.3821,
0.3292

38.1531, 0.4166,
0.3293

56.5604, 0.3541,
0.3291

31.4155, 0.4579,
0.3294

68.4123, 0.3316,
0.3291

26.1865, 0.5046,
0.3296

82.1403, 0.3137,
0.3290

22.3499, 0.5527,
0.3297

96.4053, 0.3005,
0.3290

■ 19.7728, 0.5956,
0.3298

■ 18.2965, 0.6257,
0.3299

■ 17.6653, 0.6401,
0.3300

Harmonies

Analogous

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



46.5009, 0.3509, 0.2984



46.5009, 0.3821, 0.3292



46.5009, 0.3932, 0.3618

Triad

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



46.5009, 0.3821, 0.3292



46.5009, 0.3111, 0.3922



46.5009, 0.2471, 0.2682

Complementary

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



46.5009, 0.3821, 0.3292



73.2125, 0.2687, 0.3289

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.



46.5009, 0.2383, 0.2885



46.5009, 0.3821, 0.3292



46.5009, 0.2736, 0.3620

Square

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



46.5009, 0.3821, 0.3292



46.5009, 0.3506, 0.4015



46.5009, 0.2475, 0.3226



46.5009, 0.2726, 0.2641

Rectangle

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



46.5009, 0.3821, 0.3292



46.5009, 0.3876, 0.3809



46.5009, 0.2475, 0.3226



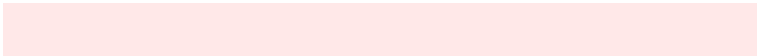
46.5009, 0.2422, 0.2732

Sweetspot

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



46.5031, 0.3821, 0.3292



84.8304, 0.3285, 0.3290



49.6544, 0.3153, 0.2526



17.6700, 0.3313, 0.3291



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.



46.5031, 0.3821, 0.3292



49.1885, 0.4038, 0.3293



60.6098, 0.3704, 0.3678



15.0541, 0.3293, 0.3291



9.8298, 0.6401, 0.3300



0.7719, 0.6401, 0.3300

Inverse Universe

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



46.5031, 0.3821, 0.3292



49.1885, 0.4038, 0.3293



55.1906, 0.2638, 0.2866



15.0541, 0.3293, 0.3291



9.8298, 0.6401, 0.3300



0.7719, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 46.5009, 0.3821, 0.3292 looks on a white background.

Color Contrast Check

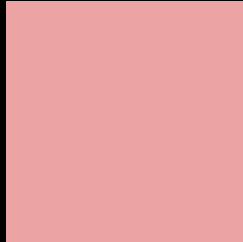
Large Text (above 18pt) WCAG AA × Fail

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 46.5009, 0.3821, 0.3292 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 46.5009, 0.3821, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 46.5009, 0.3821, 0.3292.



This preview shows how white text looks on a background with the Yxy color 46.5009, 0.3821, 0.3292.

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

46.5009, 0.3821, 0.3292

Protanopia

46.6297, 0.3244, 0.3394

Deuteranopia

46.4986, 0.3540, 0.3465



Tritanopia

46.3786, 0.3728, 0.3145

Trichromacy



Original Color

46.5009, 0.3821, 0.3292

Protanomaly

45.9740, 0.3443, 0.3353

Deuteranomaly

46.4862, 0.3635, 0.3400

Tritanomaly

46.5758, 0.3765, 0.3202

Monochromacy



Original Color

46.5009, 0.3821, 0.3292

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.3151, 0.3358, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5009, 0.3821, 0.3292 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, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(235, 163, 163)  
}
```

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, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 163, 163) }
```

Border

The CSS property to change the border of an element to Yxy 46.5009, 0.3821, 0.3292 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, 163, 163) }
```

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

```
.border{ border-color:rgb(235, 163, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(235, 163,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5009, 0.3821, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 163, 163) }
```

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

```
.background{ background-color: rgb(235,  
163, 163) }
```

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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