

Converting Colors

$Yxy(46.6867, 0.3663, 0.3245)$

Have a look what the booklet for
Yxy(46.6867, 0.3663, 0.3245)
contains.

Yxy(46.5056, 0.3668, 0.3245)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.5056, 0.3668, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	E3A6AA
RGB	227, 166, 170
RGB Percent	89%, 65%, 67%
CMY	0.1099, 0.3490, 0.3333
CMYK	0.00, 0.27, 0.25, 0.11
HSL	356°, 52%, 77%
HSV	356°, 27%, 89%
XYZ	52.5678, 46.5056, 44.2412
YIQ	184.6950, 35.0720, 14.1760

Conversions

Conversions Part 2

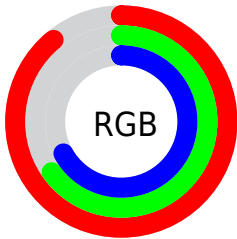
Format	Color
R _Y B	227, 166, 170
Decimal	14919338
CIE Lab	73.87, 23.04, 6.82
CIE LCh	74, 24.029, 16.487
Yxy	46.5056, 0.3668, 0.3245
Android (android.graphics.Color)	4293109418 (0xFFE3A6AA)
YUV	184.6950, -7.2446, 37.1015
Hunter-Lab	68.1950, 18.2546, 9.2724

Details

The Yxy color **46.5056, 0.3668, 0.3245** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.3654, 0.2758, 0.3337**, and the grayscale version is **48.3651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4091, 0.3345, 0.3251**, and **21.8887, 0.3817, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **38.2311, 0.3964, 0.3228**, and if you desaturate by 10%, it is **56.3703, 0.3428, 0.3262**.

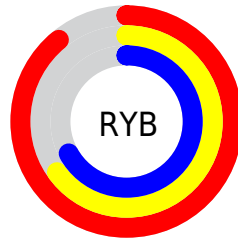
Distribution



Red (89%)

Green (65%)

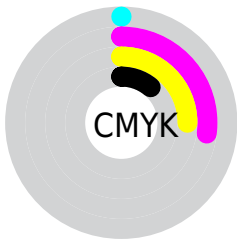
Blue (67%)



Red (89%)

Yellow (65%)

Blue (67%)

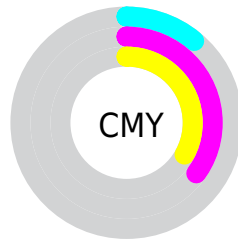


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (11%)



Cyan (11%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5056, 0.3668, 0.3245 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 46.5056, 0.3668, 0.3245 by changing the saturation by 10% instead.


 46.5056, 0.3668,
0.3245


 46.5056, 0.3668,
0.3245


372.8376, 0.3395,
0.3272

 32.6450, 0.3737,
0.3237


 84.9752, 0.3568,
0.3256

 21.8546, 0.3825,
0.3226


 110.3529, 0.3531,
0.3260

 13.7501, 0.3943,
0.3210


140.3385, 0.3500,
0.3263

 7.9471, 0.4109,
0.3185

175.3163, 0.3473,
0.3265

 4.0611, 0.4356,
0.3143

215.6707, 0.3450,
0.3267

 1.7078, 0.4765,
0.3059

261.7861, 0.3429,

 0.4287, 0.6949,

0.3269

0.3051

314.0470, 0.3411,
0.3271

0.0000, 0.0000,
0.0000

46.5056, 0.3668,
0.3245

46.5056, 0.3668,
0.3245

38.2311, 0.3964,
0.3228

56.3703, 0.3428,
0.3262

31.4575, 0.4324,
0.3213

67.8954, 0.3236,
0.3279

26.0967, 0.4743,
0.3202

81.1549, 0.3083,
0.3295

22.0488, 0.5204,
0.3200

95.0588, 0.2959,
0.3291

19.2008, 0.5659,
0.3210

95.0686, 0.2958,
0.3290

■ 17.4206, 0.6042,
0.3232

■ 16.5393, 0.6293,
0.3264

■ 16.3627, 0.6345,
0.3269

Harmonies

Analogous

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



46.5056, 0.3388, 0.2990



46.5056, 0.3668, 0.3245



46.5056, 0.3796, 0.3523

Triad

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



46.5056, 0.3668, 0.3245



46.5056, 0.3179, 0.3840



46.5056, 0.2549, 0.2802

Complementary

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



46.5056, 0.3668, 0.3245



68.3654, 0.2758, 0.3337

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.



46.5056, 0.2502, 0.3000



46.5056, 0.3668, 0.3245



46.5056, 0.2854, 0.3619

Square

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



46.5056, 0.3668, 0.3245



46.5056, 0.3502, 0.3887



46.5056, 0.2610, 0.3301



46.5056, 0.2743, 0.2738

Rectangle

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



46.5056, 0.3668, 0.3245



46.5056, 0.3774, 0.3690



46.5056, 0.2610, 0.3301



46.5056, 0.2516, 0.2854

Sweetspot

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



46.5078, 0.3668, 0.3245



86.5004, 0.3257, 0.3277



48.4971, 0.3124, 0.2616



18.0064, 0.3284, 0.3275



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.



46.5078, 0.3668, 0.3245



54.5455, 0.3819, 0.3236



56.9721, 0.3627, 0.3594



14.3832, 0.3282, 0.3275



9.5501, 0.6329, 0.3260



0.7111, 0.6135, 0.3153

Inverse Universe

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



46.5078, 0.3668, 0.3245



54.5455, 0.3819, 0.3236



55.2235, 0.2705, 0.2965



14.3832, 0.3282, 0.3275



9.5501, 0.6329, 0.3260



0.7111, 0.6135, 0.3153

Previews

White Background



This preview shows how the Yxy color 46.5056, 0.3668, 0.3245 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 46.5056, 0.3668, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

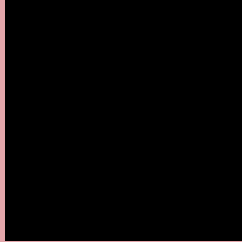
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5056, 0.3668, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 46.5056, 0.3668, 0.3245.



This preview shows how white text looks on a background with the Yxy color 46.5056, 0.3668, 0.3245.

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

46.5056, 0.3668, 0.3245

Protanopia

46.7012, 0.3194, 0.3329

Deuteranopia

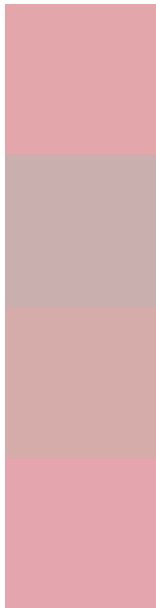
46.8570, 0.3457, 0.3391



Tritanopia

46.5786, 0.3614, 0.3153

Trichromacy



Original Color

46.5056, 0.3668, 0.3245

Protanomaly

46.5633, 0.3359, 0.3303

Deuteranomaly

46.5158, 0.3531, 0.3328

Tritanomaly

46.4602, 0.3642, 0.3187

Monochromacy



Original Color

46.5056, 0.3668, 0.3245

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.4154, 0.3304, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5056, 0.3668, 0.3245 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(227, 166, 170)` looks like.

```
.text, #text, p{  
    color:rgb(227, 166, 170)  
}
```

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(227, 166, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 166, 170) }
```

Border

The CSS property to change the border of an element to Yxy 46.5056, 0.3668, 0.3245 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(227, 166, 170) }
```

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

```
.border{ border-color:rgb(227, 166, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 166, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 166, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 166, 170);  
box-shadow:4px 4px 4px 4px rgb(227, 166,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5056, 0.3668, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 166, 170) }
```

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

```
.background{ background-color: rgb(227,  
166, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor