

Converting Colors

$Y_{xy}(46.0355, 0.3685, 0.3292)$

Have a look what the booklet for
Yxy(46.0355, 0.3685, 0.3292)
contains.

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Color

Yxy(46.0332, 0.3688, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	E1A6A6
RGB	225, 166, 166
RGB Percent	88%, 65%, 65%
CMY	0.1176, 0.3490, 0.3491
CMYK	0.00, 0.26, 0.26, 0.12
HSL	0°, 50%, 77%
HSV	0°, 26%, 88%
XYZ	51.5706, 46.0332, 42.2297
YIQ	183.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

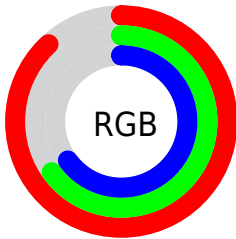
Format	Color
R _Y B	225, 166, 166
Decimal	14788262
CIE Lab	73.57, 21.75, 8.57
CIE LCh	74, 23.374, 21.516
Yxy	46.0332, 0.3688, 0.3292
Android (android.graphics.Color)	4292978342 (0xFFE1A6A6)
YUV	183.6410, -8.6970, 36.2718
Hunter-Lab	67.8478, 16.9430, 10.5902

Details

The Yxy color **46.0332, 0.3688, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.3792, 0.2744, 0.3288**, and the grayscale version is **47.7594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1934, 0.3373, 0.3291**, and **21.6845, 0.3859, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **37.8067, 0.4002, 0.3293**, and if you desaturate by 10%, it is **55.8380, 0.3435, 0.3291**.

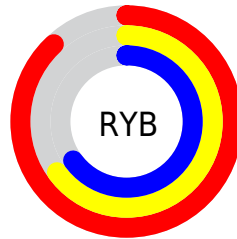
Distribution



Red (88%)

Green (65%)

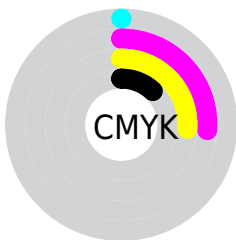
Blue (65%)



Red (88%)

Yellow (65%)

Blue (65%)

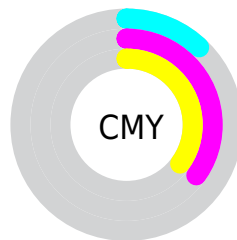


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (12%)



Cyan (12%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0332, 0.3688, 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 46.0332, 0.3688, 0.3292 by changing the saturation by 10% instead.


 46.0332, 0.3688,
0.3292


 46.0332, 0.3688,
0.3292


370.9421, 0.3405,
0.3296

 32.2720, 0.3760,
0.3289


 84.2687, 0.3584,
0.3295

 21.5694, 0.3852,
0.3285

 109.5118, 0.3546,
0.3295

 13.5408, 0.3975,
0.3277


139.3510, 0.3513,
0.3296

 7.8020, 0.4149,
0.3264

174.1706, 0.3485,
0.3296

 3.9685, 0.4409,
0.3236

214.3552, 0.3461,
0.3296

 1.6560, 0.4838,
0.3173

260.2890, 0.3440,

 0.3949, 0.6969,

0.3296

0.3031

312.3565, 0.3421,
0.3296

0.0000, 0.0000,
0.0000

46.0332, 0.3688,
0.3292

46.0332, 0.3688,
0.3292

37.8067, 0.4002,
0.3293

55.8380, 0.3435,
0.3291

31.0702, 0.4384,
0.3294

67.2906, 0.3232,
0.3290

25.7363, 0.4828,
0.3296

80.4642, 0.3071,
0.3290

21.7062, 0.5308,
0.3297

94.7491, 0.2946,
0.3289

18.8681, 0.5770,
0.3299

■ 17.0916, 0.6137,
0.3299

■ 16.2140, 0.6348,
0.3300

■ 16.0118, 0.6400,
0.3300

Harmonies

Analogous

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



46.0332, 0.3434, 0.3035



46.0332, 0.3688, 0.3292



46.0332, 0.3782, 0.3561

Triad

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



46.0332, 0.3688, 0.3292



46.0332, 0.3123, 0.3801



46.0332, 0.2584, 0.2793

Complementary

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



46.0332, 0.3688, 0.3292



67.3792, 0.2744, 0.3288

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.



46.0332, 0.2513, 0.2967



46.0332, 0.3688, 0.3292



46.0332, 0.2813, 0.3562

Square

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



46.0332, 0.3688, 0.3292



46.0332, 0.3445, 0.3877



46.0332, 0.2594, 0.3248



46.0332, 0.2795, 0.2753

Rectangle

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



46.0332, 0.3688, 0.3292



46.0332, 0.3740, 0.3717



46.0332, 0.2594, 0.3248



46.0332, 0.2544, 0.2837

Sweetspot

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



46.0354, 0.3688, 0.3292



86.4293, 0.3266, 0.3291



48.7083, 0.3158, 0.2639



17.9887, 0.3295, 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.



46.0354, 0.3688, 0.3292



55.4405, 0.3836, 0.3293



58.0120, 0.3602, 0.3630



13.7017, 0.3292, 0.3291



9.2264, 0.6400, 0.3300



0.6399, 0.6399, 0.3301

Inverse Universe

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



67.3792, 0.2744, 0.3288



87.9369, 0.2681, 0.3288



52.7915, 0.2710, 0.2923



15.5710, 0.2982, 0.3289



34.1262, 0.2246, 0.3286



2.3659, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 46.0332, 0.3688, 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 46.0332, 0.3688, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

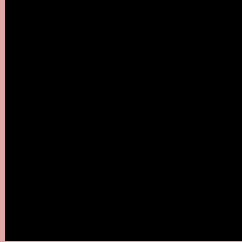
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0332, 0.3688, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 46.0332, 0.3688, 0.3292.



This preview shows how white text looks on a background with the Yxy color 46.0332, 0.3688, 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

46.0332, 0.3688, 0.3292

Protanopia

46.1376, 0.3228, 0.3368

Deuteranopia

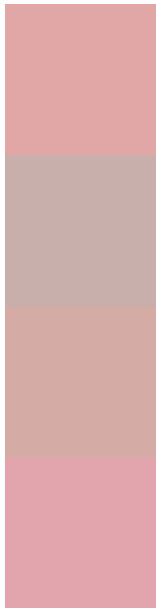
46.3194, 0.3494, 0.3428



Tritanopia

45.8940, 0.3597, 0.3140

Trichromacy



Original Color

46.0332, 0.3688, 0.3292

Protanomaly

45.8796, 0.3386, 0.3341

Deuteranomaly

46.2187, 0.3558, 0.3377

Tritanomaly

46.0961, 0.3633, 0.3198

Monochromacy



Original Color

46.0332, 0.3688, 0.3292

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.7607, 0.3322, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0332, 0.3688, 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(225, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(225, 166, 166)  
}
```

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(225, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 166, 166) }
```

Border

The CSS property to change the border of an element to Yxy 46.0332, 0.3688, 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(225, 166, 166) }
```

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

```
.border{ border-color:rgb(225, 166, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(225, 166,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0332, 0.3688, 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(225, 166, 166) }
```

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

```
.background{ background-color: rgb(225,  
166, 166) }
```

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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