

Converting Colors

$Y_{xy}(46.4449, 0.3631, 0.3094)$

Have a look what the booklet for
Yxy(46.4449, 0.3631, 0.3094)
contains.

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Color

Yxy(46.2918, 0.3630, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	E8A2B4
RGB	232, 162, 180
RGB Percent	91%, 64%, 71%
CMY	0.0902, 0.3647, 0.2942
CMYK	0.00, 0.30, 0.22, 0.09
HSL	345°, 60%, 77%
HSV	345°, 30%, 91%
XYZ	54.4345, 46.2918, 49.2310
YIQ	184.9820, 35.9420, 20.4380

Conversions

Conversions Part 2

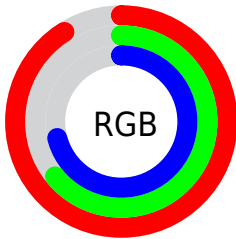
Format	Color
R _Y B	232, 162, 180
Decimal	15246004
CIE Lab	73.73, 28.44, 1.21
CIE LCh	74, 28.463, 2.436
Yxy	46.2918, 0.3630, 0.3087
Android (android.graphics.Color)	4293436084 (0xFFE8A2B4)
YUV	184.9820, -2.4561, 41.2348
Hunter-Lab	68.0381, 23.7439, 4.7256

Details

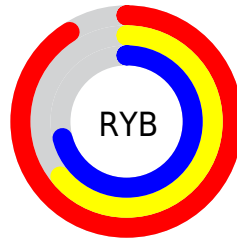
The Yxy color $46.2918, 0.3630, 0.3087$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $70.2517, 0.2789, 0.3505$, and the grayscale version is $48.5048, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.9418, 0.3273, 0.3102$, and $21.7981, 0.3775, 0.3038$ is the 20% darker color. If you saturate the color by 10%, you get $38.2005, 0.3877, 0.3018$, and if you desaturate by 10%, it is $55.9826, 0.3427, 0.3157$.

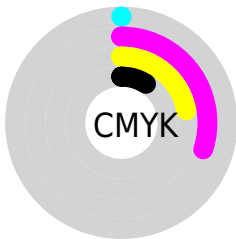
Distribution



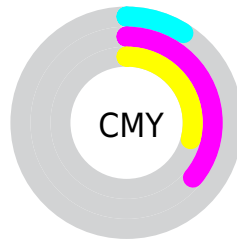
- Red (91%)
- Green (64%)
- Blue (71%)



- Red (91%)
- Yellow (64%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (22%)
- Black (9%)




- Cyan (9%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2918, 0.3630, 0.3087 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 46.2918, 0.3630, 0.3087 by changing the saturation by 10% instead.

 46.2918, 0.3630,
0.3087

 46.2918, 0.3630,
0.3087


371.9805, 0.3378,
0.3190

 32.4761, 0.3693,
0.3061


 84.6555, 0.3538,
0.3125

 21.7254, 0.3774,
0.3028


 109.9724, 0.3504,
0.3139

 13.6553, 0.3882,
0.2983


139.8918, 0.3475,
0.3150

 7.8813, 0.4033,
0.2920

174.7981, 0.3450,
0.3160

 4.0191, 0.4258,
0.2826

215.0758, 0.3428,
0.3169

 1.6843, 0.4627,
0.2668

261.1091, 0.3409,

 0.4134, 0.5880,

0.3177

0.2187

313.2826, 0.3393,
0.3184

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.2918, 0.3630,
0.3087

46.2918, 0.3630,
0.3087

38.2005, 0.3877,
0.3018

55.9826, 0.3427,
0.3157

31.6159, 0.4172,
0.2955

67.3462, 0.3263,
0.3225

26.4459, 0.4514,
0.2908

80.4590, 0.3129,
0.3289

22.5853, 0.4893,
0.2886

95.3909, 0.3021,
0.3348

■ 19.9140, 0.5283,
0.2901

■ 95.8956, 0.2987,
0.3290

■ 18.2896, 0.5647,
0.2959

■ 17.4770, 0.5943,
0.3048

Harmonies

Analogous

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



46.2918, 0.3245, 0.2825



46.2918, 0.3630, 0.3087



46.2918, 0.3879, 0.3406

Triad

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



46.2918, 0.3630, 0.3087



46.2918, 0.3371, 0.4002



46.2918, 0.2400, 0.2801

Complementary

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



46.2918, 0.3630, 0.3087



70.2517, 0.2789, 0.3505

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.



46.2918, 0.2429, 0.3098



46.2918, 0.3630, 0.3087



46.2918, 0.2974, 0.3831

Square

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



46.2918, 0.3630, 0.3087



46.2918, 0.3716, 0.3947



46.2918, 0.2633, 0.3484



46.2918, 0.2548, 0.2656

Rectangle

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



46.2918, 0.3630, 0.3087



46.2918, 0.3924, 0.3620



46.2918, 0.2633, 0.3484



46.2918, 0.2389, 0.2885

Sweetspot

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



46.2940, 0.3630, 0.3087



85.1709, 0.3246, 0.3233



45.8666, 0.3004, 0.2504



17.7531, 0.3268, 0.3223



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.



46.2940, 0.3630, 0.3087



51.1031, 0.3773, 0.3045



51.7411, 0.3750, 0.3478



14.4284, 0.3252, 0.3230



9.7200, 0.5903, 0.3026



0.7331, 0.5488, 0.2797

Inverse Universe

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



46.2940, 0.3630, 0.3087



51.1031, 0.3773, 0.3045



62.4503, 0.2671, 0.3092



14.4284, 0.3252, 0.3230



9.7200, 0.5903, 0.3026



0.7331, 0.5488, 0.2797

Previews

White Background



This preview shows how the Yxy color 46.2918, 0.3630, 0.3087 looks on a white background.

Color Contrast Check

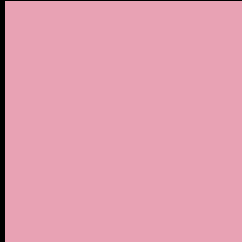
Large Text (above 18pt) WCAG AA × Fail

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 46.2918, 0.3630, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

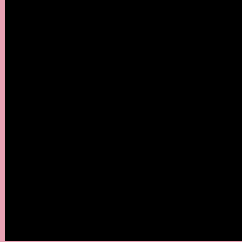
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2918, 0.3630, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 46.2918, 0.3630, 0.3087.



This preview shows how white text looks on a background with the Yxy color 46.2918, 0.3630, 0.3087.

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

46.2918, 0.3630, 0.3087

Protanopia

46.7544, 0.3057, 0.3161

Deuteranopia

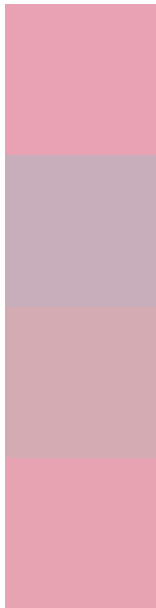
46.6425, 0.3342, 0.3278



Tritanopia

46.2785, 0.3666, 0.3154

Trichromacy



Original Color

46.2918, 0.3630, 0.3087

Protanomaly

46.1393, 0.3250, 0.3129

Deuteranomaly

46.3372, 0.3442, 0.3206

Tritanomaly

46.3576, 0.3647, 0.3131

Monochromacy



Original Color

46.2918, 0.3630, 0.3087

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.4197, 0.3298, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2918, 0.3630, 0.3087 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, 162, 180)` looks like.

```
.text, #text, p{  
    color:rgb(232, 162, 180)  
}
```

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, 162, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 162, 180) }
```

Border

The CSS property to change the border of an element to Yxy 46.2918, 0.3630, 0.3087 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, 162, 180) }
```

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

```
.border{ border-color:rgb(232, 162, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 162, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 162, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 162, 180);  
box-shadow:4px 4px 4px 4px rgb(232, 162,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2918, 0.3630, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 162, 180) }
```

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

```
.background{ background-color: rgb(232,  
162, 180) }
```

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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