

Converting Colors

$Yxy(46.9406, 0.3609, 0.3115)$

Have a look what the booklet for
Yxy(46.9406, 0.3609, 0.3115)
contains.

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Color

Yxy(47.0285, 0.3604, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	E6A5B4
RGB	230, 165, 180
RGB Percent	90%, 65%, 71%
CMY	0.0980, 0.3529, 0.2942
CMYK	0.00, 0.28, 0.22, 0.10
HSL	346°, 57%, 77%
HSV	346°, 28%, 90%
XYZ	54.3239, 47.0285, 49.3799
YIQ	186.1450, 33.9250, 18.4450

Conversions

Conversions Part 2

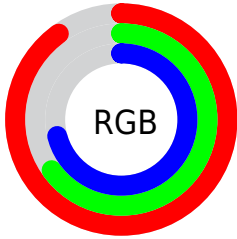
Format	Color
R _Y B	230, 165, 180
Decimal	15115700
CIE Lab	74.21, 26.11, 1.87
CIE LCh	74, 26.182, 4.099
Yxy	47.0285, 0.3604, 0.3120
Android (android.graphics.Color)	4293305780 (0xFFE6A5B4)
YUV	186.1450, -3.0295, 38.4608
Hunter-Lab	68.5773, 21.3895, 5.3117

Details

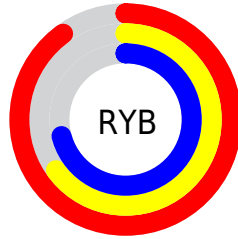
The Yxy color **47.0285, 0.3604, 0.3120** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.5015, 0.2799, 0.3469**, and the grayscale version is **49.1919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5025, 0.3270, 0.3132**, and **22.2268, 0.3738, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **38.7899, 0.3851, 0.3058**, and if you desaturate by 10%, it is **56.8556, 0.3402, 0.3183**.

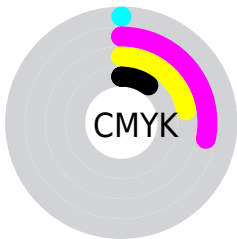
Distribution



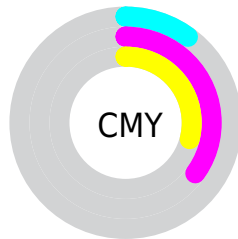
- Red (90%)
- Green (65%)
- Blue (71%)



- Red (90%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (22%)
- Black (10%)





- Cyan (10%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0285, 0.3604, 0.3120 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 47.0285, 0.3604, 0.3120 by changing the saturation by 10% instead.


 47.0285, 0.3604,
0.3120

 47.0285, 0.3604,
0.3120


374.9283, 0.3365,
0.3206

 33.0582, 0.3664,
0.3098


 85.7562, 0.3517,
0.3152

 22.1710, 0.3740,
0.3070


 111.2823, 0.3485,
0.3163

 13.9826, 0.3842,
0.3032


141.4292, 0.3457,
0.3173

 8.1086, 0.3984,
0.2978

176.5812, 0.3433,
0.3182

 4.1645, 0.4196,
0.2898

217.1227, 0.3413,
0.3189

 1.7660, 0.4543,
0.2762

263.4381, 0.3395,

 0.4659, 0.5671,

0.3196

0.2394

315.9118, 0.3379,
0.3201

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.0285, 0.3604,
0.3120

47.0285, 0.3604,
0.3120

38.7899, 0.3851,
0.3058

56.8556, 0.3402,
0.3183

32.0497, 0.4148,
0.3000

68.3418, 0.3238,
0.3243

26.7191, 0.4495,
0.2955

81.5617, 0.3106,
0.3300

22.6968, 0.4883,
0.2933

95.2946, 0.2999,
0.3332

■ 19.8681, 0.5286,
0.2943

■ 95.5629, 0.2976,
0.3290

■ 18.0982, 0.5664,
0.2993

■ 17.1959, 0.5974,
0.3077

■ 17.0795, 0.6021,
0.3091

Harmonies

Analogous

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



47.0285, 0.3257, 0.2873



47.0285, 0.3604, 0.3120



47.0285, 0.3821, 0.3416

Triad

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



47.0285, 0.3604, 0.3120



47.0285, 0.3333, 0.3936



47.0285, 0.2461, 0.2832

Complementary

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



47.0285, 0.3604, 0.3120



69.5015, 0.2799, 0.3469

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.



47.0285, 0.2479, 0.3099



47.0285, 0.3604, 0.3120



47.0285, 0.2969, 0.3768

Square

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



47.0285, 0.3604, 0.3120



47.0285, 0.3654, 0.3900



47.0285, 0.2660, 0.3448



47.0285, 0.2607, 0.2704

Rectangle

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



47.0285, 0.3604, 0.3120



47.0285, 0.3855, 0.3611



47.0285, 0.2660, 0.3448



47.0285, 0.2448, 0.2907

Sweetspot

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



47.0307, 0.3604, 0.3120



86.6975, 0.3235, 0.3244



47.0488, 0.3032, 0.2560



18.0556, 0.3258, 0.3235



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.



47.0307, 0.3604, 0.3120



53.0184, 0.3745, 0.3083



53.1351, 0.3693, 0.3490



14.4221, 0.3256, 0.3236



9.6850, 0.5984, 0.3070



0.7297, 0.5575, 0.2845

Inverse Universe

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



47.0307, 0.3604, 0.3120



53.0184, 0.3745, 0.3083



61.1353, 0.2696, 0.3080



14.4221, 0.3256, 0.3236



9.6850, 0.5984, 0.3070



0.7297, 0.5575, 0.2845

Previews

White Background



This preview shows how the Yxy color 47.0285, 0.3604, 0.3120 looks on a white background.

Color Contrast Check

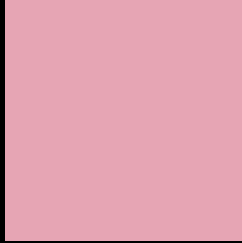
Large Text (above 18pt) WCAG AA × Fail

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 47.0285, 0.3604, 0.3120 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 47.0285, 0.3604, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 47.0285, 0.3604, 0.3120.



This preview shows how white text looks on a background with the Yxy color 47.0285, 0.3604, 0.3120.

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

47.0285, 0.3604, 0.3120

Protanopia

47.3639, 0.3081, 0.3187

Deuteranopia

47.2152, 0.3341, 0.3278



Tritanopia

46.9476, 0.3623, 0.3142

Trichromacy



Original Color

47.0285, 0.3604, 0.3120

Protanomaly

47.0133, 0.3265, 0.3167

Deuteranomaly

47.1389, 0.3429, 0.3218

Tritanomaly

46.9879, 0.3613, 0.3131

Monochromacy



Original Color

47.0285, 0.3604, 0.3120

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.8580, 0.3288, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0285, 0.3604, 0.3120 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(230, 165, 180)` looks like.

```
.text, #text, p{  
    color:rgb(230, 165, 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(230, 165, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 165, 180) }
```

Border

The CSS property to change the border of an element to Yxy 47.0285, 0.3604, 0.3120 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(230, 165, 180) }
```

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

```
.border{ border-color:rgb(230, 165, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 165, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 165, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 165, 180);  
box-shadow:4px 4px 4px 4px rgb(230, 165,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0285, 0.3604, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 165, 180) }
```

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

```
.background{ background-color: rgb(230,  
165, 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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