

Converting Colors

$Y_{xy}(47.0992, 0.3514, 0.3052)$

Have a look what the booklet for
Yxy(47.0992, 0.3514, 0.3052)
contains.

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Color

Yxy(47.1912, 0.3508, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	E3A6BB
RGB	227, 166, 187
RGB Percent	89%, 65%, 73%
CMY	0.1099, 0.3489, 0.2667
CMYK	0.00, 0.27, 0.18, 0.11
HSL	339°, 52%, 77%
HSV	339°, 27%, 89%
XYZ	54.2776, 47.1912, 53.2564
YIQ	186.6330, 29.6150, 19.4630

Conversions

Conversions Part 2

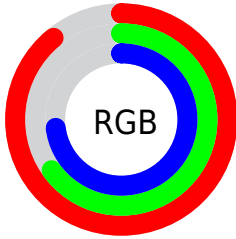
Format	Color
R _Y B	227, 166, 187
Decimal	14919355
CIE Lab	74.31, 25.55, -1.87
CIE LCh	74, 25.617, 355.815
Yxy	47.1912, 0.3508, 0.3050
Android (android.graphics.Color)	4293109435 (0xFFE3A6BB)
YUV	186.6330, 0.1809, 35.4019
Hunter-Lab	68.6959, 20.8178, 2.1225

Details

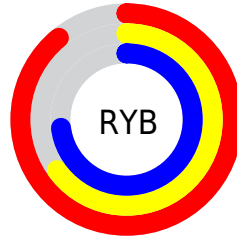
The Yxy color $47.1912, 0.3508, 0.3050$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $67.4898, 0.2854, 0.3545$, and the grayscale version is $49.4636, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.4440, 0.3222, 0.3074$, and $22.4138, 0.3616, 0.2989$ is the 20% darker color. If you saturate the color by 10%, you get $39.0507, 0.3710, 0.2956$, and if you desaturate by 10%, it is $56.8584, 0.3342, 0.3143$.

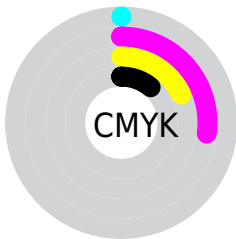
Distribution



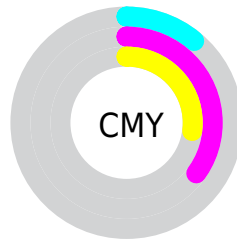
- Red (89%)
- Green (65%)
- Blue (73%)



- Red (89%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (27%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1912, 0.3508, 0.3050 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 47.1912, 0.3508, 0.3050 by changing the saturation by 10% instead.


 47.1912, 0.3508,
0.3050


 47.1912, 0.3508,
0.3050


375.5772, 0.3319,
0.3169

 33.1868, 0.3555,
0.3021


 85.9990, 0.3439,
0.3093

 22.2696, 0.3615,
0.2984


 111.5711, 0.3414,
0.3109

 14.0551, 0.3695,
0.2934


141.7680, 0.3392,
0.3123

 8.1590, 0.3806,
0.2867

176.9740, 0.3373,
0.3134

 4.1969, 0.3970,
0.2767

217.5736, 0.3357,
0.3145

 1.7843, 0.4236,
0.2608

263.9510, 0.3342,

 0.4774, 0.4938,

0.3154

0.2143

316.4908, 0.3330,
0.3162

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.1912, 0.3508,
0.3050

47.1912, 0.3508,
0.3050

39.0507, 0.3710,
0.2956

56.8584, 0.3342,
0.3143

32.3519, 0.3951,
0.2868

68.1186, 0.3206,
0.3232

27.0111, 0.4232,
0.2793

81.0421, 0.3095,
0.3316

22.9338, 0.4550,
0.2742

94.5341, 0.3004,
0.3375

■ 20.0126, 0.4891,
0.2728

■ 95.0668, 0.2958,
0.3290

■ 18.1225, 0.5231,
0.2762

■ 17.1028, 0.5542,
0.2846

■ 16.8783, 0.5633,
0.2877

Harmonies

Analogous

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



47.1912, 0.3153, 0.2830



47.1912, 0.3508, 0.3050



47.1912, 0.3764, 0.3332

Triad

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



47.1912, 0.3508, 0.3050



47.1912, 0.3424, 0.3930



47.1912, 0.2464, 0.2902

Complementary

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



47.1912, 0.3508, 0.3050



67.4898, 0.2854, 0.3545

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.



47.1912, 0.2527, 0.3193



47.1912, 0.3508, 0.3050



47.1912, 0.3070, 0.3820

Square

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



47.1912, 0.3508, 0.3050



47.1912, 0.3708, 0.3846



47.1912, 0.2744, 0.3539



47.1912, 0.2564, 0.2736

Rectangle

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



47.1912, 0.3508, 0.3050



47.1912, 0.3836, 0.3528



47.1912, 0.2744, 0.3539



47.1912, 0.2467, 0.2988

Sweetspot

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



47.1934, 0.3508, 0.3050



86.8358, 0.3221, 0.3222



45.8941, 0.2978, 0.2586



18.0902, 0.3240, 0.3208



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.



47.1934, 0.3508, 0.3050



55.5403, 0.3611, 0.3000



49.8036, 0.3678, 0.3398



14.4494, 0.3239, 0.3209



9.8657, 0.5594, 0.2855



0.7460, 0.5185, 0.2630

Inverse Universe

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



47.1934, 0.3508, 0.3050



55.5403, 0.3611, 0.3000



63.7091, 0.2725, 0.3179



14.4494, 0.3239, 0.3209



9.8657, 0.5594, 0.2855



0.7460, 0.5185, 0.2630

Previews

White Background



This preview shows how the Yxy color 47.1912, 0.3508, 0.3050 looks on a white background.

Color Contrast Check

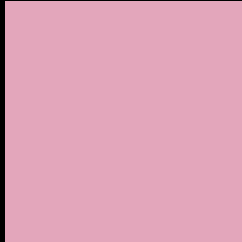
Large Text (above 18pt) WCAG AA × Fail

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 47.1912, 0.3508, 0.3050 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 47.1912, 0.3508, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 47.1912, 0.3508, 0.3050.



This preview shows how white text looks on a background with the Yxy color 47.1912, 0.3508, 0.3050.

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

47.1912, 0.3508, 0.3050

Protanopia

47.4322, 0.3011, 0.3099

Deuteranopia

47.2264, 0.3264, 0.3191



Tritanopia

47.1015, 0.3562, 0.3141

Trichromacy



Original Color

47.1912, 0.3508, 0.3050

Protanomaly

46.9067, 0.3181, 0.3080

Deuteranomaly

47.1339, 0.3350, 0.3134

Tritanomaly

47.2251, 0.3534, 0.3106

Monochromacy



Original Color

47.1912, 0.3508, 0.3050

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.3846, 0.3262, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1912, 0.3508, 0.3050 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(227, 166, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 166, 187) }
```

Border

The CSS property to change the border of an element to Yxy 47.1912, 0.3508, 0.3050 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, 187) }
```

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

```
.border{ border-color:rgb(227, 166, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(227, 166,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1912, 0.3508, 0.3050 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, 187) }
```

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

```
.background{ background-color: rgb(227,  
166, 187) }
```

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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