

Converting Colors

Yxy(46.8318, 0.3482, 0.3042)

Have a look what the booklet for
Yxy(46.8318, 0.3482, 0.3042)
contains.

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Color

Yxy(46.9108, 0.3481, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	E1A6BC
RGB	225, 166, 188
RGB Percent	88%, 65%, 74%
CMY	0.1175, 0.3490, 0.2628
CMYK	0.00, 0.26, 0.16, 0.12
HSL	338°, 50%, 77%
HSV	338°, 26%, 88%
XYZ	53.7690, 46.9108, 53.7845
YIQ	186.1490, 28.1020, 19.3500

Conversions

Conversions Part 2

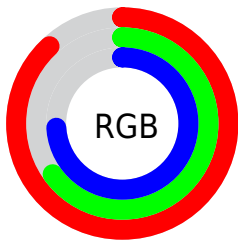
Format	Color
R _Y B	225, 166, 188
Decimal	14788284
CIE Lab	74.13, 25.02, -2.70
CIE LCh	74, 25.167, 353.846
Yxy	46.9108, 0.3481, 0.3037
Android (android.graphics.Color)	4292978364 (0xFFE1A6BC)
YUV	186.1490, 0.9125, 34.0723
Hunter-Lab	68.4915, 20.2708, 1.3852

Details

The Yxy color **46.9108, 0.3481, 0.3037** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.2863, 0.2870, 0.3559**, and the grayscale version is **49.1750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5046, 0.3215, 0.3064**, and **22.2189, 0.3578, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **38.8557, 0.3671, 0.2936**, and if you desaturate by 10%, it is **56.4611, 0.3324, 0.3137**.

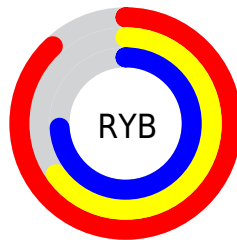
Distribution



Red (88%)

Green (65%)

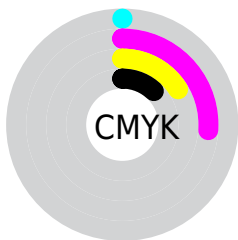
Blue (74%)



Red (88%)

Yellow (65%)

Blue (74%)

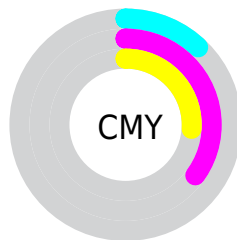


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (12%)



Cyan (12%)


Magenta (35%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9108, 0.3481, 0.3037 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 46.9108, 0.3481, 0.3037 by changing the saturation by 10% instead.


 46.9108, 0.3481,
0.3037

 46.9108, 0.3481,
0.3037


374.4584, 0.3305,
0.3162

 32.9651, 0.3525,
0.3006


 85.5805, 0.3417,
0.3082

 22.0997, 0.3580,
0.2967


 111.0733, 0.3393,
0.3099

 13.9302, 0.3654,
0.2916


141.1839, 0.3373,
0.3113

 8.0721, 0.3757,
0.2845

176.2967, 0.3356,
0.3126

 4.1411, 0.3909,
0.2742

216.7962, 0.3340,
0.3136

 1.7528, 0.4156,
0.2577

263.0667, 0.3327,

 0.4575, 0.4815,

0.3146

0.2073

315.4926, 0.3316,
0.3154

0.0000, 0.0000,
0.0000

46.9108, 0.3481,
0.3037

46.9108, 0.3481,
0.3037

38.8557, 0.3671,
0.2936

56.4611, 0.3324,
0.3137

32.2131, 0.3897,
0.2839

67.5709, 0.3195,
0.3233

26.9021, 0.4162,
0.2756

80.3087, 0.3090,
0.3323

22.8307, 0.4461,
0.2697

94.0925, 0.3004,
0.3396

19.8953, 0.4784,
0.2675

94.7521, 0.2946,
0.3289

■ 17.9750, 0.5110,
0.2701

■ 16.9193, 0.5414,
0.2779

■ 16.6490, 0.5521,
0.2815

Harmonies

Analogous

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



46.9108, 0.3129, 0.2825



46.9108, 0.3481, 0.3037



46.9108, 0.3743, 0.3313

Triad

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



46.9108, 0.3481, 0.3037



46.9108, 0.3441, 0.3920



46.9108, 0.2473, 0.2924

Complementary

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



46.9108, 0.3481, 0.3037



66.2863, 0.2870, 0.3559

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.



46.9108, 0.2546, 0.3217



46.9108, 0.3481, 0.3037



46.9108, 0.3094, 0.3825

Square

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



46.9108, 0.3481, 0.3037



46.9108, 0.3713, 0.3826



46.9108, 0.2769, 0.3557



46.9108, 0.2561, 0.2751

Rectangle

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



46.9108, 0.3481, 0.3037



46.9108, 0.3822, 0.3506



46.9108, 0.2769, 0.3557



46.9108, 0.2479, 0.3011

Sweetspot

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



46.9129, 0.3481, 0.3037



86.8705, 0.3217, 0.3216



45.3211, 0.2966, 0.2600



18.0989, 0.3235, 0.3202



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.



46.9129, 0.3481, 0.3037



56.7175, 0.3571, 0.2986



48.6074, 0.3667, 0.3372



13.7845, 0.3234, 0.3203



9.6120, 0.5481, 0.2793



0.6832, 0.5060, 0.2561

Inverse Universe

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



46.9129, 0.3481, 0.3037



56.7175, 0.3571, 0.2986



63.7604, 0.2737, 0.3206



13.7845, 0.3234, 0.3203



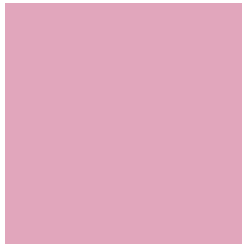
9.6120, 0.5481, 0.2793



0.6832, 0.5060, 0.2561

Previews

White Background



This preview shows how the Yxy color 46.9108, 0.3481, 0.3037 looks on a white background.

Color Contrast Check

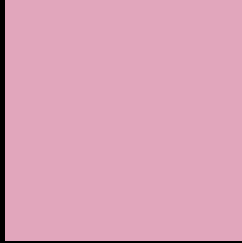
Large Text (above 18pt) WCAG AA × Fail

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 46.9108, 0.3481, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

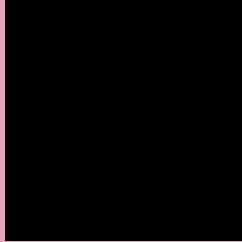
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.9108, 0.3481, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 46.9108, 0.3481, 0.3037.



This preview shows how white text looks on a background with the Yxy color 46.9108, 0.3481, 0.3037.

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

46.9108, 0.3481, 0.3037

Protanopia

47.0240, 0.3011, 0.3086

Deuteranopia

47.1316, 0.3246, 0.3178



Tritanopia

46.7800, 0.3543, 0.3140

Trichromacy



Original Color

46.9108, 0.3481, 0.3037

Protanomaly

46.9515, 0.3172, 0.3068

Deuteranomaly

46.8849, 0.3323, 0.3121

Tritanomaly

46.9036, 0.3515, 0.3105

Monochromacy



Original Color

46.9108, 0.3481, 0.3037

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.1074, 0.3245, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9108, 0.3481, 0.3037 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(225, 166, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 166, 188) }
```

Border

The CSS property to change the border of an element to Yxy 46.9108, 0.3481, 0.3037 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, 188) }
```

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

```
.border{ border-color:rgb(225, 166, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 166, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 166, 188);  
box-shadow:4px 4px 4px 4px rgb(225, 166,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9108, 0.3481, 0.3037 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, 188) }
```

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

```
.background{ background-color: rgb(225,  
166, 188) }
```

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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