

Converting Colors

$Y_{xy}(46.7548, 0.3378, 0.2740)$

Have a look what the booklet for
Yxy(46.7548, 0.3378, 0.2740)
contains.

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Color

Yxy(46.8921, 0.3381, 0.2741)

Conversions

Conversions Part 1

Format	Color
Hex	EA9FD1
RGB	234, 159, 209
RGB Percent	92%, 62%, 82%
CMY	0.0824, 0.3765, 0.1803
CMYK	0.00, 0.32, 0.11, 0.08
HSL	320°, 64%, 77%
HSV	320°, 32%, 92%
XYZ	57.8410, 46.8921, 66.3435
YIQ	187.1250, 28.6500, 31.4500

Conversions

Conversions Part 2

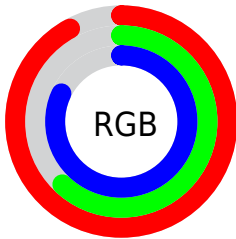
Format	Color
R_{YB}	234, 159, 209
Decimal	15376337
CIE _{Lab}	74.12, 35.26, -14.17
CIE _{LCh}	74, 38.001, 338.100
Yxy	46.8921, 0.3381, 0.2741
Android (android.graphics.Color)	4293566417 (0xFFEA9FD1)
YUV	187.1250, 10.7844, 41.1094
Hunter-Lab	68.4778, 30.9371, -9.5076

Details

The Yxy color **46.8921, 0.3381, 0.2741** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69.6759, 0.2941, 0.3913**, and the grayscale version is **49.6959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0809, 0.3145, 0.2900**, and **22.0217, 0.3438, 0.2592** is the 20% darker color. If you saturate the color by 10%, you get **39.2171, 0.3489, 0.2569**, and if you desaturate by 10%, it is **56.1135, 0.3287, 0.2917**.

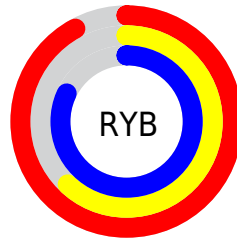
Distribution



Red (92%)

Green (62%)

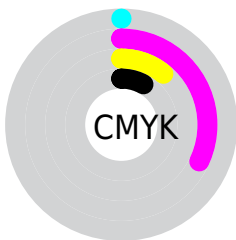
Blue (82%)



Red (92%)

Yellow (62%)

Blue (82%)

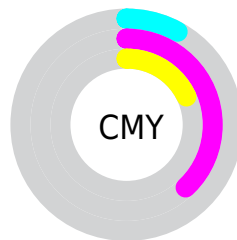


Cyan (0%)

Magenta (32%)

Yellow (11%)

Black (8%)



Cyan (8%)


Magenta (38%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8921, 0.3381, 0.2741 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 46.8921, 0.3381, 0.2741 by changing the saturation by 10% instead.


 46.8921, 0.3381,
0.2741

 46.8921, 0.3381,
0.2741


374.3837, 0.3260,
0.3002

 32.9504, 0.3409,
0.2680


 85.5525, 0.3338,
0.2833

 22.0884, 0.3445,
0.2603


 111.0400, 0.3322,
0.2868

 13.9219, 0.3490,
0.2504

141.1449, 0.3308,
0.2899

 8.0664, 0.3551,
0.2373

176.2515, 0.3296,
0.2925

 4.1374, 0.3634,
0.2191

216.7443, 0.3285,
0.2948

 1.7507, 0.3758,
0.1923

263.0077, 0.3276,

 0.4562, 0.4031,

0.2968

0.1332

315.4260, 0.3268,
0.2986

0.0000, 0.4617,
0.0000

0.0000, 0.0000,
0.0000

46.8921, 0.3381,
0.2741

46.8921, 0.3381,
0.2741

39.2171, 0.3489,
0.2569

56.1135, 0.3287,
0.2917

32.9957, 0.3610,
0.2410

66.9546, 0.3207,
0.3090

28.1349, 0.3744,
0.2274

79.4917, 0.3140,
0.3257

24.5284, 0.3887,
0.2173

93.7944, 0.3083,
0.3414

■ 22.0537, 0.4033,
0.2117

■ 95.7886, 0.3038,
0.3359

■ 20.5636, 0.4179,
0.2111

■ 96.2323, 0.2999,
0.3290

■ 19.8959, 0.4292,
0.2138

Harmonies

Analogous

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



46.8921, 0.2848, 0.2513



46.8921, 0.3381, 0.2741



46.8921, 0.3878, 0.3092

Triad

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



46.8921, 0.3381, 0.2741



46.8921, 0.3822, 0.4192



46.8921, 0.2194, 0.2935

Complementary

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



46.8921, 0.3381, 0.2741



69.6759, 0.2941, 0.3913

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.



46.8921, 0.2410, 0.3442



46.8921, 0.3381, 0.2741



46.8921, 0.3339, 0.4234

Square

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



46.8921, 0.3381, 0.2741



46.8921, 0.4132, 0.3904



46.8921, 0.2822, 0.3950



46.8921, 0.2202, 0.2590

Rectangle

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



46.8921, 0.3381, 0.2741



46.8921, 0.4099, 0.3364



46.8921, 0.2822, 0.3950



46.8921, 0.2241, 0.3091

Sweetspot

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



46.8942, 0.3381, 0.2741



84.2609, 0.3193, 0.3124



40.7742, 0.2736, 0.2388



17.5983, 0.3203, 0.3100



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.



46.8942, 0.3381, 0.2741



51.0615, 0.3445, 0.2635



45.2968, 0.3728, 0.3136



15.2235, 0.3189, 0.3134



11.2047, 0.4270, 0.2126



0.8976, 0.4086, 0.2024

Inverse Universe

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



46.8942, 0.3381, 0.2741



51.0615, 0.3445, 0.2635



71.3970, 0.2741, 0.3453



15.2235, 0.3189, 0.3134



11.2047, 0.4270, 0.2126



0.8976, 0.4086, 0.2024

Previews

White Background



This preview shows how the Yxy color 46.8921, 0.3381, 0.2741 looks on a white background.

Color Contrast Check

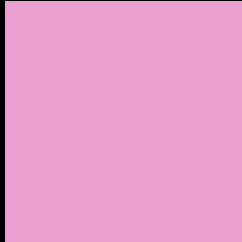
Large Text (above 18pt) WCAG AA × Fail

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 46.8921, 0.3381, 0.2741 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 46.8921, 0.3381, 0.2741

Background



This preview shows how black text looks on a background with the Yxy color 46.8921, 0.3381, 0.2741.



This preview shows how white text looks on a background with the Yxy color 46.8921, 0.3381, 0.2741.

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

46.8921, 0.3381, 0.2741

Protanopia

47.3138, 0.2750, 0.2756

Deuteranopia

47.2442, 0.3009, 0.2943



Tritanopia

46.9076, 0.3632, 0.3154

Trichromacy



Original Color

46.8921, 0.3381, 0.2741



Protanomaly

46.6037, 0.2951, 0.2738



Deuteranomaly

46.7526, 0.3139, 0.2862



Tritanomaly

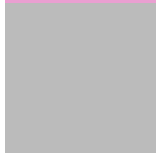
46.8574, 0.3532, 0.2997

Monochromacy



Original Color

46.8921, 0.3381, 0.2741



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

48.2218, 0.3215, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8921, 0.3381, 0.2741 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(234, 159, 209)` looks like.

```
.text, #text, p{  
    color:rgb(234, 159, 209)  
}
```

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(234, 159, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 159, 209) }
```

Border

The CSS property to change the border of an element to Yxy 46.8921, 0.3381, 0.2741 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(234, 159, 209) }
```

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

```
.border{ border-color:rgb(234, 159, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 159, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 159, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 159, 209);  
box-shadow:4px 4px 4px 4px rgb(234, 159,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8921, 0.3381, 0.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 159, 209) }
```

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

```
.background{ background-color: rgb(234,  
159, 209) }
```

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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