

Converting Colors

Yxy(46.1711, 0.3380, 0.2709)

Have a look what the booklet for
Yxy(46.1711, 0.3380, 0.2709)
contains.

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Color

Yxy(46.2595, 0.3375, 0.2709)

Conversions

Conversions Part 1

Format	Color
Hex	EA9DD2
RGB	234, 157, 210
RGB Percent	92%, 62%, 82%
CMY	0.0822, 0.3844, 0.1764
CMYK	0.00, 0.33, 0.10, 0.08
HSL	319°, 65%, 77%
HSV	319°, 33%, 92%
XYZ	57.6323, 46.2595, 66.8705
YIQ	186.0650, 28.8790, 32.8070

Conversions

Conversions Part 2

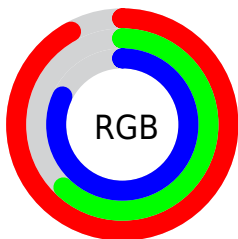
Format	Color
RYB	234, 157, 210
Decimal	15375826
CIELab	73.71, 36.50, -15.32
CIELCh	74, 39.589, 337.228
Yxy	46.2595, 0.3375, 0.2709
Android (android.graphics.Color)	4293565906 (0xFFEA9DD2)
YUV	186.0650, 11.8000, 42.0390
Hunter-Lab	68.0143, 32.2277, -10.6829

Details

The Yxy color $46.2595, 0.3375, 0.2709$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $69.3724, 0.2946, 0.3954$, and the grayscale version is $49.0633, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5670, 0.3147, 0.2871$, and $21.6143, 0.3441, 0.2565$ is the 20% darker color. If you saturate the color by 10%, you get $38.7318, 0.3477, 0.2533$, and if you desaturate by 10%, it is $55.3247, 0.3286, 0.2890$.

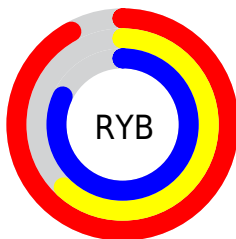
Distribution



Red (92%)

Green (62%)

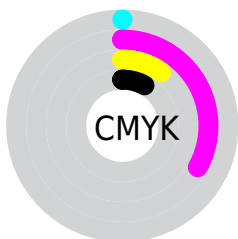
Blue (82%)



Red (92%)

Yellow (62%)

Blue (82%)

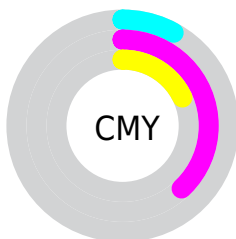


Cyan (0%)

Magenta (33%)

Yellow (10%)

Black (8%)



Cyan (8%)


Magenta (38%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2595, 0.3375, 0.2709 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 46.2595, 0.3375, 0.2709 by changing the saturation by 10% instead.


 46.2595, 0.3375,
0.2709


 46.2595, 0.3375,
0.2709


371.8509, 0.3258,
0.2985

 32.4506, 0.3402,
0.2644


 84.6072, 0.3334,
0.2806

 21.7059, 0.3436,
0.2563


 109.9149, 0.3318,
0.2844

 13.6410, 0.3480,
0.2459


139.8243, 0.3304,
0.2876

 7.8714, 0.3538,
0.2322

174.7198, 0.3293,
0.2903

 4.0128, 0.3617,
0.2131

214.9858, 0.3282,
0.2928

 1.6807, 0.3732,
0.1850

261.0068, 0.3273,

 0.4111, 0.4002,

0.2949

0.1207

313.1670, 0.3265,
0.2968

0.0000, 0.4228,
0.0000

0.0000, 0.0000,
0.0000

46.2595, 0.3375,
0.2709

46.2595, 0.3375,
0.2709

38.7318, 0.3477,
0.2533

55.3247, 0.3286,
0.2890

32.6481, 0.3591,
0.2372

66.0013, 0.3209,
0.3069

27.9147, 0.3716,
0.2235

78.3659, 0.3144,
0.3241

24.4239, 0.3849,
0.2133

92.4885, 0.3089,
0.3404

■ 22.0517, 0.3984,
0.2077

■ 95.7042, 0.3047,
0.3374

■ 20.6480, 0.4117,
0.2071

■ 96.1625, 0.3006,
0.3301

■ 20.0745, 0.4209,
0.2092

■ 96.2394, 0.3000,
0.3290

Harmonies

Analogous

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



46.2595, 0.2819, 0.2477



46.2595, 0.3375, 0.2709



46.2595, 0.3900, 0.3070

Triad

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



46.2595, 0.3375, 0.2709



46.2595, 0.3863, 0.4226



46.2595, 0.2158, 0.2930

Complementary

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



46.2595, 0.3375, 0.2709



69.3724, 0.2946, 0.3954

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.



46.2595, 0.2388, 0.3464



46.2595, 0.3375, 0.2709



46.2595, 0.3361, 0.4284

Square

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



46.2595, 0.3375, 0.2709



46.2595, 0.4182, 0.3916



46.2595, 0.2821, 0.3997



46.2595, 0.2160, 0.2566

Rectangle

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



46.2595, 0.3375, 0.2709



46.2595, 0.4137, 0.3351



46.2595, 0.2821, 0.3997



46.2595, 0.2209, 0.3094

Sweetspot

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



46.2616, 0.3375, 0.2709



84.2941, 0.3189, 0.3119



39.7669, 0.2713, 0.2358



17.6063, 0.3199, 0.3094



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.



46.2616, 0.3375, 0.2709



49.3805, 0.3448, 0.2581



44.6017, 0.3737, 0.3117



15.2291, 0.3186, 0.3129



11.3000, 0.4189, 0.2081



0.9045, 0.4020, 0.1988

Inverse Universe

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



46.2616, 0.3375, 0.2709



49.3805, 0.3448, 0.2581



71.1306, 0.2739, 0.3474



15.2291, 0.3186, 0.3129



11.3000, 0.4189, 0.2081



0.9045, 0.4020, 0.1988

Previews

White Background



This preview shows how the Yxy color 46.2595, 0.3375, 0.2709 looks on a white background.

Color Contrast Check

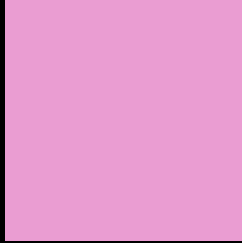
Large Text (above 18pt) WCAG AA × Fail

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 46.2595, 0.3375, 0.2709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

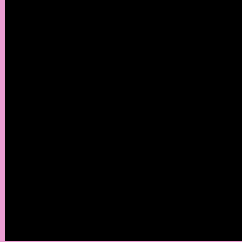
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2595, 0.3375, 0.2709

Background



This preview shows how black text looks on a background with the Yxy color 46.2595, 0.3375, 0.2709.



This preview shows how white text looks on a background with the Yxy color 46.2595, 0.3375, 0.2709.

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

46.2595, 0.3375, 0.2709

Protanopia

46.7367, 0.2728, 0.2729

Deuteranopia

46.4653, 0.2984, 0.2928



Tritanopia

46.1520, 0.3647, 0.3142

Trichromacy



Original Color

46.2595, 0.3375, 0.2709



Protanomaly

46.1417, 0.2936, 0.2713



Deuteranomaly

46.0918, 0.3122, 0.2847



Tritanomaly

46.1095, 0.3546, 0.2985

Monochromacy



Original Color

46.2595, 0.3375, 0.2709



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

47.2966, 0.3209, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2595, 0.3375, 0.2709 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, 157, 210)` looks like.

```
.text, #text, p{  
    color:rgb(234, 157, 210)  
}
```

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, 157, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 157, 210) }
```

Border

The CSS property to change the border of an element to Yxy 46.2595, 0.3375, 0.2709 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, 157, 210) }
```

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

```
.border{ border-color:rgb(234, 157, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 157, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 157, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 157, 210);  
box-shadow:4px 4px 4px 4px rgb(234, 157,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2595, 0.3375, 0.2709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 157, 210) }
```

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

```
.background{ background-color: rgb(234,  
157, 210) }
```

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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