

Converting Colors

$Y_{xy}(46.7033, 0.3295, 0.2960)$

Have a look what the booklet for
Yxy(46.7033, 0.3295, 0.2960)
contains.

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Color

Yxy(46.7033, 0.3295, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	D6A9C5
RGB	214, 169, 197
RGB Percent	84%, 66%, 77%
CMY	0.1609, 0.3372, 0.2275
CMYK	0.00, 0.21, 0.08, 0.16
HSL	323°, 35%, 75%
HSV	323°, 21%, 84%
XYZ	51.9890, 46.7033, 59.0891
YIQ	185.6470, 17.8320, 18.2480

Conversions

Conversions Part 2

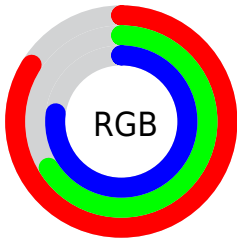
Format	Color
R _Y B	214, 169, 197
Decimal	14068165
CIE Lab	74.00, 20.98, -7.96
CIE LCh	74, 22.441, 339.217
Yxy	46.7033, 0.3295, 0.2960
Android (android.graphics.Color)	4292258245 (0xFFD6A9C5)
YUV	185.6470, 5.5970, 24.8656
Hunter-Lab	68.3398, 16.1978, -3.4265

Details

The Yxy color $46.7033, 0.3295, 0.2960$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $60.0592, 0.2990, 0.3645$, and the grayscale version is $48.8555, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7271, 0.3148, 0.2999$, and $22.0767, 0.3345, 0.2882$ is the 20% darker color. If you saturate the color by 10%, you get $39.0231, 0.3398, 0.2796$, and if you desaturate by 10%, it is $55.7103, 0.3207, 0.3121$.

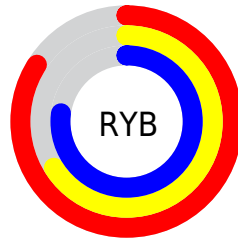
Distribution



Red (84%)

Green (66%)

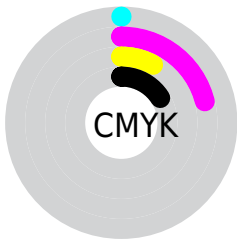
Blue (77%)



Red (84%)

Yellow (66%)

Blue (77%)

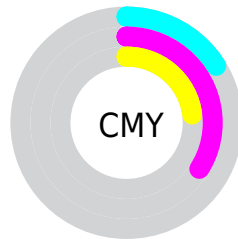


Cyan (0%)

Magenta (21%)

Yellow (8%)

Black (16%)



Cyan (16%)


Magenta (34%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7033, 0.3295, 0.2960 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 46.7033, 0.3295, 0.2960 by changing the saturation by 10% instead.


 46.7033, 0.3295,
0.2960

 46.7033, 0.3295,
0.2960


373.6290, 0.3213,
0.3121

 32.8012, 0.3315,
0.2921


 85.2706, 0.3266,
0.3017

 21.9742, 0.3340,
0.2872


 110.7045, 0.3255,
0.3039

 13.8379, 0.3373,
0.2808


140.7511, 0.3245,
0.3058

 8.0080, 0.3417,
0.2721

175.7949, 0.3237,
0.3074

 4.1001, 0.3482,
0.2596

216.2202, 0.3230,
0.3088

 1.7297, 0.3583,
0.2401

262.4113, 0.3224,

 0.4428, 0.3869,

0.3100

0.1830

314.7528, 0.3218,
0.3111

0.0000, 0.0000,
0.0000

46.7033, 0.3295,
0.2960

46.7033, 0.3295,
0.2960

39.0231, 0.3398,
0.2796

55.7103, 0.3207,
0.3121

32.5998, 0.3518,
0.2634

66.0971, 0.3134,
0.3275

27.3667, 0.3655,
0.2483

77.9215, 0.3072,
0.3420

23.2483, 0.3807,
0.2353

91.2361, 0.3021,
0.3555

20.1601, 0.3971,
0.2256

91.9494, 0.2977,
0.3472

■ 18.0058, 0.4143,
0.2201

■ 92.4337, 0.2933,
0.3387

■ 16.6706, 0.4314,
0.2198

■ 92.9396, 0.2890,
0.3304

■ 15.9883, 0.4465,
0.2233

■ 93.0313, 0.2883,
0.3289

Harmonies

Analogous

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



46.7033, 0.2977, 0.2812



46.7033, 0.3295, 0.2960



46.7033, 0.3578, 0.3187

Triad

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



46.7033, 0.3295, 0.2960



46.7033, 0.3541, 0.3831



46.7033, 0.2553, 0.3083

Complementary

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



46.7033, 0.3295, 0.2960



60.0592, 0.2990, 0.3645

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.



46.7033, 0.2689, 0.3375



46.7033, 0.3295, 0.2960



46.7033, 0.3254, 0.3828

Square

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



46.7033, 0.3295, 0.2960



46.7033, 0.3722, 0.3684



46.7033, 0.2942, 0.3658



46.7033, 0.2562, 0.2869

Rectangle

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



46.7033, 0.3295, 0.2960



46.7033, 0.3702, 0.3360



46.7033, 0.2942, 0.3658



46.7033, 0.2583, 0.3175

Sweetspot

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



46.7054, 0.3295, 0.2960



90.2570, 0.3169, 0.3198



43.6136, 0.2910, 0.2732



19.1017, 0.3174, 0.3188



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.



46.7054, 0.3295, 0.2960



64.3955, 0.3337, 0.2891



45.7704, 0.3492, 0.3219



12.5494, 0.3195, 0.3146



9.6880, 0.4441, 0.2220



0.6002, 0.4173, 0.2072

Inverse Universe

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



46.7054, 0.3295, 0.2960



64.3955, 0.3337, 0.2891



61.0668, 0.2852, 0.3363



12.5494, 0.3195, 0.3146



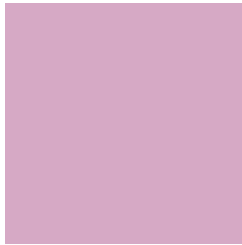
9.6880, 0.4441, 0.2220



0.6002, 0.4173, 0.2072

Previews

White Background



This preview shows how the Yxy color 46.7033, 0.3295, 0.2960 looks on a white background.

Color Contrast Check

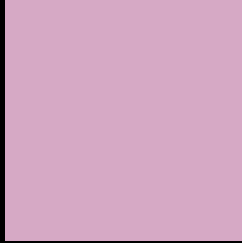
Large Text (above 18pt) WCAG AA × Fail

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 46.7033, 0.3295, 0.2960 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 46.7033, 0.3295, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 46.7033, 0.3295, 0.2960.



This preview shows how white text looks on a background with the Yxy color 46.7033, 0.3295, 0.2960.

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

46.7033, 0.3295, 0.2960

Protanopia

46.9911, 0.2935, 0.2997

Deuteranopia

46.8537, 0.3129, 0.3066



Tritanopia

46.5836, 0.3389, 0.3134

Trichromacy



Original Color

46.7033, 0.3295, 0.2960

Protanomaly

46.8678, 0.3064, 0.2992

Deuteranomaly

46.6751, 0.3184, 0.3021

Tritanomaly

46.5697, 0.3355, 0.3063

Monochromacy



Original Color

46.7033, 0.3295, 0.2960

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.0960, 0.3184, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7033, 0.3295, 0.2960 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(214, 169, 197)` looks like.

```
.text, #text, p{  
    color:rgb(214, 169, 197)  
}
```

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(214, 169, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 169, 197) }
```

Border

The CSS property to change the border of an element to Yxy 46.7033, 0.3295, 0.2960 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(214, 169, 197) }
```

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

```
.border{ border-color:rgb(214, 169, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 169, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 169, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 169, 197);  
box-shadow:4px 4px 4px 4px rgb(214, 169,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7033, 0.3295, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 169, 197) }
```

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

```
.background{ background-color: rgb(214,  
169, 197) }
```

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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