

Converting Colors

$Y_{xy}(46.6985, 0.3434, 0.2910)$

Have a look what the booklet for
Yxy(46.6985, 0.3434, 0.2910)
contains.

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Color

Yxy(46.7196, 0.3430, 0.2905)

Conversions

Conversions Part 1

Format	Color
Hex	E4A3C5
RGB	228, 163, 197
RGB Percent	89%, 64%, 77%
CMY	0.1060, 0.3607, 0.2274
CMYK	0.00, 0.28, 0.14, 0.11
HSL	329°, 55%, 77%
HSV	329°, 28%, 89%
XYZ	55.1629, 46.7196, 58.9423
YIQ	186.3110, 27.8260, 24.3540

Conversions

Conversions Part 2

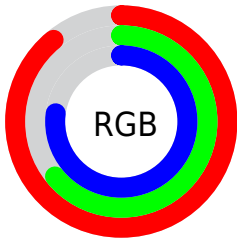
Format	Color
R _Y B	228, 163, 197
Decimal	14984133
CIE Lab	74.01, 29.09, -7.81
CIE LCh	74, 30.123, 344.974
Yxy	46.7196, 0.3430, 0.2905
Android (android.graphics.Color)	4293174213 (0xFFE4A3C5)
YUV	186.3110, 5.2697, 36.5613
Hunter-Lab	68.3517, 24.4419, -3.2818

Details

The Yxy color $46.7196, 0.3430, 0.2905$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67.1496, 0.2906, 0.3711$, and the grayscale version is $49.2454, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5586, 0.3151, 0.2940$, and $22.1227, 0.3520, 0.2815$ is the 20% darker color. If you saturate the color by 10%, you get $38.8615, 0.3578, 0.2765$, and if you desaturate by 10%, it is $56.0770, 0.3305, 0.3045$.

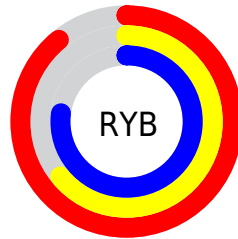
Distribution



Red (89%)

Green (64%)

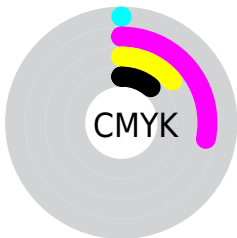
Blue (77%)



Red (89%)

Yellow (64%)

Blue (77%)

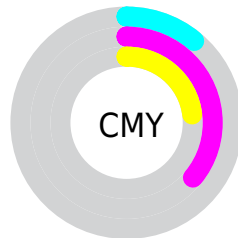


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (11%)



Cyan (11%)


Magenta (36%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7196, 0.3430, 0.2905 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 46.7196, 0.3430, 0.2905 by changing the saturation by 10% instead.


 46.7196, 0.3430,
0.2905


 46.7196, 0.3430,
0.2905

373.6942, 0.3282,
0.3092

 32.8140, 0.3466,
0.2860


 85.2949, 0.3377,
0.2971

 21.9840, 0.3512,
0.2804


 110.7335, 0.3357,
0.2997

 13.8452, 0.3572,
0.2730


140.7852, 0.3339,
0.3018

 8.0131, 0.3655,
0.2630

175.8343, 0.3325,
0.3037

 4.1033, 0.3775,
0.2488

216.2655, 0.3312,
0.3053

 1.7315, 0.3964,
0.2269

262.4629, 0.3300,

 0.4439, 0.4417,

0.3068

0.1681

314.8110, 0.3290,
0.3080

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.7196, 0.3430,
0.2905

46.7196, 0.3430,
0.2905

38.8615, 0.3578,
0.2765

56.0770, 0.3305,
0.3045

32.4171, 0.3750,
0.2633

67.0005, 0.3201,
0.3180

27.3020, 0.3946,
0.2518

79.5607, 0.3115,
0.3309

23.4200, 0.4163,
0.2432

93.8220, 0.3044,
0.3429

■ 20.6620, 0.4394,
0.2388

■ 94.9943, 0.2984,
0.3326

■ 18.8991, 0.4627,
0.2395

■ 95.2282, 0.2964,
0.3290

■ 17.9427, 0.4853,
0.2455

■ 17.8280, 0.4887,
0.2466

Harmonies

Analogous

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



46.7196, 0.3001, 0.2690



46.7196, 0.3430, 0.2905



46.7196, 0.3792, 0.3211

Triad

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



46.7196, 0.3430, 0.2905



46.7196, 0.3609, 0.4035



46.7196, 0.2357, 0.2938

Complementary

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



46.7196, 0.3430, 0.2905



67.1496, 0.2906, 0.3711

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.



46.7196, 0.2496, 0.3319



46.7196, 0.3430, 0.2905



46.7196, 0.3208, 0.3998

Square

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



46.7196, 0.3430, 0.2905



46.7196, 0.3891, 0.3856



46.7196, 0.2802, 0.3725



46.7196, 0.2406, 0.2690

Rectangle

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



46.7196, 0.3430, 0.2905



46.7196, 0.3933, 0.3439



46.7196, 0.2802, 0.3725



46.7196, 0.2383, 0.3054

Sweetspot

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



46.7217, 0.3430, 0.2905



85.5369, 0.3207, 0.3173



43.1817, 0.2868, 0.2518



17.8430, 0.3221, 0.3153



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.



46.7217, 0.3430, 0.2905



54.2150, 0.3511, 0.2825



45.4132, 0.3733, 0.3267



14.4934, 0.3211, 0.3168



10.3223, 0.4855, 0.2448



0.7815, 0.4549, 0.2280

Inverse Universe

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



46.7217, 0.3430, 0.2905



54.2150, 0.3511, 0.2825



68.7359, 0.2727, 0.3315



14.4934, 0.3211, 0.3168



10.3223, 0.4855, 0.2448



0.7815, 0.4549, 0.2280

Previews

White Background



This preview shows how the Yxy color 46.7196, 0.3430, 0.2905 looks on a white background.

Color Contrast Check

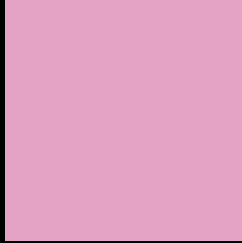
Large Text (above 18pt) WCAG AA × Fail

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 46.7196, 0.3430, 0.2905 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 46.7196, 0.3430, 0.2905

Background



This preview shows how black text looks on a background with the Yxy color 46.7196, 0.3430, 0.2905.



This preview shows how white text looks on a background with the Yxy color 46.7196, 0.3430, 0.2905.

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

46.7196, 0.3430, 0.2905

Protanopia

47.0668, 0.2898, 0.2948

Deuteranopia

46.8087, 0.3137, 0.3078



Tritanopia

46.6959, 0.3574, 0.3140

Trichromacy



Original Color

46.7196, 0.3430, 0.2905

Protanomaly

46.3675, 0.3076, 0.2922

Deuteranomaly

46.5670, 0.3238, 0.3012

Tritanomaly

46.7863, 0.3519, 0.3050

Monochromacy



Original Color

46.7196, 0.3430, 0.2905

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

47.9760, 0.3230, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7196, 0.3430, 0.2905 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(228, 163, 197)` looks like.

```
.text, #text, p{  
    color:rgb(228, 163, 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(228, 163, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 163, 197) }
```

Border

The CSS property to change the border of an element to Yxy 46.7196, 0.3430, 0.2905 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(228, 163, 197) }
```

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

```
.border{ border-color:rgb(228, 163, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 163, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 163, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 163, 197);  
box-shadow:4px 4px 4px 4px rgb(228, 163,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7196, 0.3430, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 163, 197) }
```

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

```
.background{ background-color: rgb(228,  
163, 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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