

Converting Colors

$Y_{xy}(30.0420, 0.3438, 0.2647)$

Have a look what the booklet for
Yxy(30.0420, 0.3438, 0.2647)
contains.

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Color

Yxy(30.1799, 0.3445, 0.2655)

Conversions

Conversions Part 1

Format	Color
Hex	C97DAF
RGB	201, 125, 175
RGB Percent	79%, 49%, 69%
CMY	0.2118, 0.5098, 0.3136
CMYK	0.00, 0.38, 0.13, 0.21
HSL	321°, 41%, 64%
HSV	321°, 38%, 79%
XYZ	39.1600, 30.1799, 44.3321
YIQ	153.4240, 29.2460, 31.6620

Conversions

Conversions Part 2

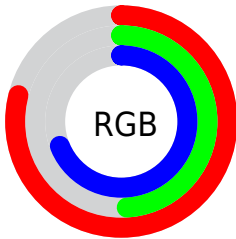
Format	Color
R _Y B	201, 125, 175
Decimal	13204911
CIE Lab	61.81, 36.67, -14.08
CIE LCh	62, 39.279, 338.993
Yxy	30.1799, 0.3445, 0.2655
Android (android.graphics.Color)	4291394991 (0xFFC97DAF)
YUV	153.4240, 10.6370, 41.7242
Hunter-Lab	54.9362, 31.1010, -9.3901

Details

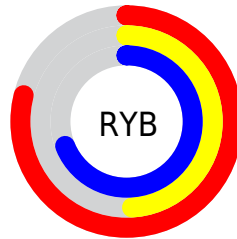
The Yxy color **30.1799, 0.3445, 0.2655** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **48.3652, 0.2909, 0.4029**, and the grayscale version is **31.9939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2697, 0.3350, 0.2766**, and **12.4137, 0.3556, 0.2478** is the 20% darker color. If you saturate the color by 10%, you get **25.3336, 0.3562, 0.2492**, and if you desaturate by 10%, it is **36.0724, 0.3342, 0.2826**.

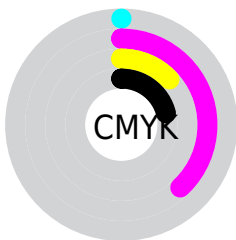
Distribution



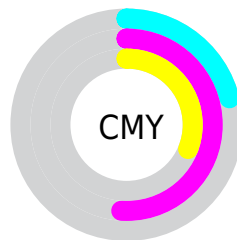
- Red (79%)
- Green (49%)
- Blue (69%)



- Red (79%)
- Yellow (49%)
- Blue (69%)



- Cyan (0%)
- Magenta (38%)
- Yellow (13%)
- Black (21%)





- Cyan (21%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1799, 0.3445, 0.2655 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 30.1799, 0.3445, 0.2655 by changing the saturation by 10% instead.


 30.1799, 0.3445,
0.2655


 30.1799, 0.3445,
0.2655


302.7421, 0.3283,
0.2978


 19.9752, 0.3486,
0.2573


 59.9466, 0.3385,
0.2773

 12.3770, 0.3540,
0.2467


 80.2773, 0.3363,
0.2818

 7.0010, 0.3612,
0.2325


 104.7521, 0.3345,
0.2855

 3.4627, 0.3714,
0.2125

133.7555, 0.3329,
0.2887

 1.3778, 0.3867,
0.1827

167.6718, 0.3315,
0.2914

 0.2003, 0.4382,
0.0791

206.8854, 0.3303,


 0.0000, 1.0000,


0.2938


0.0000

251.7807, 0.3292,
0.2959

 0.0000, 0.0000,
0.0000


 30.1799, 0.3445,
0.2655


 30.1799, 0.3445,
0.2655


 25.3336, 0.3562,
0.2492

 36.0724, 0.3342,
0.2826


 21.4666, 0.3693,
0.2347


 43.0643, 0.3253,
0.2998


 18.5109, 0.3835,
0.2231

 51.2104, 0.3178,
0.3165

 16.3877, 0.3984,
0.2153


 60.5603, 0.3114,
0.3324


 15.0049, 0.4134,
0.2124


 71.1609, 0.3061,
0.3474


 14.2287, 0.4282,
0.2143

 83.0564, 0.3016,
0.3613

 14.0914, 0.4314,
0.2150

 89.2705, 0.2978,
0.3633

 89.6489, 0.2941,
0.3557

 90.0424, 0.2905,
0.3482

Harmonies

Analogous

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



30.1799, 0.2807, 0.2386



30.1799, 0.3445, 0.2655



30.1799, 0.4041, 0.3062

Triad

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



30.1799, 0.3445, 0.2655



30.1799, 0.3926, 0.4366



30.1799, 0.2027, 0.2839

Complementary

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



30.1799, 0.3445, 0.2655



48.3652, 0.2909, 0.4029

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.



30.1799, 0.2265, 0.3445



30.1799, 0.3445, 0.2655



30.1799, 0.3347, 0.4430

Square

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



30.1799, 0.3445, 0.2655



30.1799, 0.4313, 0.4011



30.1799, 0.2739, 0.4078



30.1799, 0.2046, 0.2449

Rectangle

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



30.1799, 0.3445, 0.2655



30.1799, 0.4300, 0.3377



30.1799, 0.2739, 0.4078



30.1799, 0.2077, 0.3022

Sweetspot

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



30.1813, 0.3445, 0.2655



82.7887, 0.3202, 0.3110



25.4008, 0.2666, 0.2219



17.3041, 0.3212, 0.3087



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.



30.1813, 0.3445, 0.2655



45.0361, 0.3536, 0.2527



28.9105, 0.3890, 0.3126



10.7526, 0.3189, 0.3139



8.8782, 0.4294, 0.2139



0.4336, 0.4013, 0.1984

Inverse Universe

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



30.1813, 0.3445, 0.2655



45.0361, 0.3536, 0.2527



49.7769, 0.2678, 0.3467



10.7526, 0.3189, 0.3139



8.8782, 0.4294, 0.2139



0.4336, 0.4013, 0.1984

Previews

White Background



This preview shows how the Yxy color 30.1799, 0.3445, 0.2655 looks on a white background.

Color Contrast Check

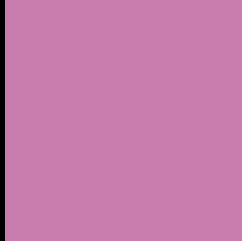
Large Text (above 18pt) WCAG AA × Fail

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 30.1799, 0.3445, 0.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

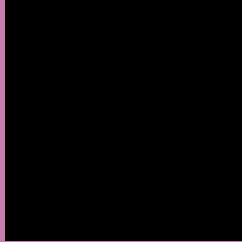
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1799, 0.3445, 0.2655

Background



This preview shows how black text looks on a background with the Yxy color 30.1799, 0.3445, 0.2655.



This preview shows how white text looks on a background with the Yxy color 30.1799, 0.3445, 0.2655.

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

30.1799, 0.3445, 0.2655

Protanopia

30.4304, 0.2673, 0.2655

Deuteranopia

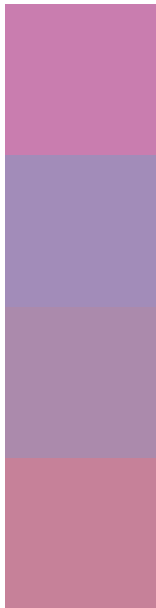
30.3681, 0.2974, 0.2918



Tritanopia

30.0260, 0.3781, 0.3158

Trichromacy



Original Color

30.1799, 0.3445, 0.2655

Protanomaly

29.9403, 0.2926, 0.2652

Deuteranomaly

29.8134, 0.3139, 0.2808

Tritanomaly

30.0062, 0.3657, 0.2974

Monochromacy



Original Color

30.1799, 0.3445, 0.2655

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.7642, 0.3234, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1799, 0.3445, 0.2655 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(201, 125, 175)` looks like.

```
.text, #text, p{  
    color:rgb(201, 125, 175)  
}
```

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(201, 125, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 125, 175) }
```

Border

The CSS property to change the border of an element to Yxy 30.1799, 0.3445, 0.2655 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(201, 125, 175) }
```

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

```
.border{ border-color:rgb(201, 125, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 125, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 125, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 125, 175);  
box-shadow:4px 4px 4px 4px rgb(201, 125,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1799, 0.3445, 0.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 125, 175) }
```

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

```
.background{ background-color: rgb(201,  
125, 175) }
```

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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