

Converting Colors

$Y_{xy}(34.4400, 0.3380, 0.2552)$

Have a look what the booklet for
Yxy(34.4400, 0.3380, 0.2552)
contains.

Yxy(34.3790, 0.3380, 0.2555)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.3790, 0.3380, 0.2555)

Conversions

Conversions Part 1

Format	Color
Hex	D683C1
RGB	214, 131, 193
RGB Percent	84%, 51%, 76%
CMY	0.1607, 0.4863, 0.2431
CMYK	0.00, 0.39, 0.10, 0.16
HSL	315°, 50%, 68%
HSV	315°, 39%, 84%
XYZ	45.4799, 34.3790, 54.6969
YIQ	162.8850, 29.5660, 36.8780

Conversions

Conversions Part 2

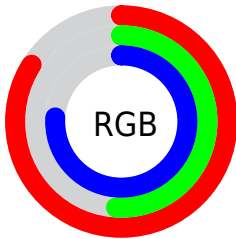
Format	Color
R _{YB}	214, 131, 193
Decimal	14058433
CIE Lab	65.26, 40.81, -18.88
CIE LCh	65, 44.966, 335.172
Yxy	34.3790, 0.3380, 0.2555
Android (android.graphics.Color)	4292248513 (0xFFD683C1)
YUV	162.8850, 14.8467, 44.8279
Hunter-Lab	58.6336, 35.8468, -14.2657

Details

The Yxy color $34.3790, 0.3380, 0.2555$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $55.1979, 0.2948, 0.4163$, and the grayscale version is $36.4878, 0.3127, 0.3290$.

A 20% lighter version of the original color is $62.8601, 0.3196, 0.2649$, and $14.7251, 0.3454, 0.2359$ is the 20% darker color. If you saturate the color by 10%, you get $28.9763, 0.3468, 0.2375$, and if you desaturate by 10%, it is $40.9810, 0.3301, 0.2746$.

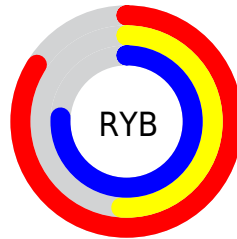
Distribution



Red (84%)

Green (51%)

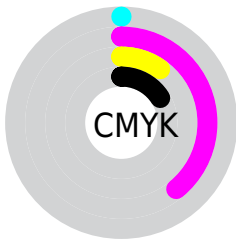
Blue (76%)



Red (84%)

Yellow (51%)

Blue (76%)

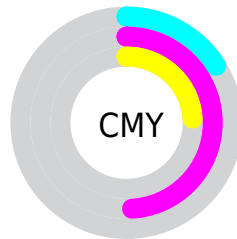


Cyan (0%)

Magenta (39%)

Yellow (10%)

Black (16%)



Cyan (16%)


Magenta (49%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3790, 0.3380, 0.2555 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 34.3790, 0.3380, 0.2555 by changing the saturation by 10% instead.


 34.3790, 0.3380,
0.2555


 34.3790, 0.3380,
0.2555


321.8187, 0.3258,
0.2917


 23.1849, 0.3409,
0.2467


 66.5226, 0.3337,
0.2685

 14.7301, 0.3445,
0.2355


 88.2409, 0.3320,
0.2734

 8.6302, 0.3491,
0.2209


 114.2361, 0.3306,
0.2776

 4.5008, 0.3552,
0.2011

144.8925, 0.3294,
0.2812

 1.9574, 0.3635,
0.1729

180.5946, 0.3283,
0.2843

 0.5826, 0.3775,
0.1244


221.7267, 0.3274,


 0.0000, 0.3992,


0.2871

0.0000


268.6733, 0.3266,
0.2895

 0.0000, 0.0000,
0.0000

 34.3790, 0.3380,
0.2555


 34.3790, 0.3380,
0.2555


 28.9763, 0.3468,
0.2375


 40.9810, 0.3301,
0.2746


 24.6946, 0.3563,
0.2216


 48.8450, 0.3232,
0.2939


 21.4533, 0.3665,
0.2088


 58.0351, 0.3173,
0.3129

 19.1593, 0.3768,
0.2001


 68.6094, 0.3121,
0.3311


 17.7029, 0.3871,
0.1961


 80.6228, 0.3078,
0.3483


 16.9119, 0.3971,
0.1966

 91.2842, 0.3043,
0.3600

 16.8332, 0.3983,
0.1968

 91.5855, 0.3013,
0.3541

 91.8962, 0.2983,
0.3484

 92.2165, 0.2954,
0.3426

Harmonies

Analogous

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



34.3790, 0.2696, 0.2290



34.3790, 0.3380, 0.2555



34.3790, 0.4058, 0.2976

Triad

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



34.3790, 0.3380, 0.2555



34.3790, 0.4060, 0.4423



34.3790, 0.1951, 0.2863

Complementary

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



34.3790, 0.3380, 0.2555



55.1979, 0.2948, 0.4163

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.



34.3790, 0.2239, 0.3550



34.3790, 0.3380, 0.2555



34.3790, 0.3444, 0.4562

Square

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



34.3790, 0.3380, 0.2555



34.3790, 0.4450, 0.4000



34.3790, 0.2776, 0.4236



34.3790, 0.1940, 0.2410

Rectangle

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



34.3790, 0.3380, 0.2555



34.3790, 0.4373, 0.3308



34.3790, 0.2776, 0.4236



34.3790, 0.2016, 0.3073

Sweetspot

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



34.3806, 0.3380, 0.2555



81.5178, 0.3191, 0.3067



27.7373, 0.2588, 0.2165



17.0566, 0.3199, 0.3042



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.



34.3806, 0.3380, 0.2555



44.0480, 0.3456, 0.2398



32.7886, 0.3842, 0.3035



12.5765, 0.3176, 0.3117



10.1894, 0.3969, 0.1960



0.6275, 0.3809, 0.1872

Inverse Universe

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



34.3806, 0.3380, 0.2555



44.0480, 0.3456, 0.2398



56.7929, 0.2706, 0.3568



12.5765, 0.3176, 0.3117



10.1894, 0.3969, 0.1960



0.6275, 0.3809, 0.1872

Previews

White Background



This preview shows how the Yxy color 34.3790, 0.3380, 0.2555 looks on a white background.

Color Contrast Check

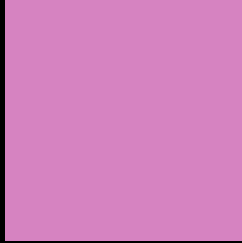
Large Text (above 18pt) WCAG AA × Fail

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 34.3790, 0.3380, 0.2555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

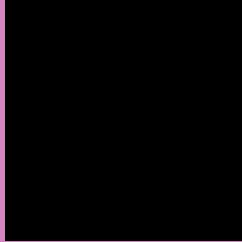
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3790, 0.3380, 0.2555

Background



This preview shows how black text looks on a background with the Yxy color 34.3790, 0.3380, 0.2555.



This preview shows how white text looks on a background with the Yxy color 34.3790, 0.3380, 0.2555.

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

34.3790, 0.3380, 0.2555

Protanopia

34.7967, 0.2580, 0.2533

Deuteranopia

34.5904, 0.2880, 0.2813



Tritanopia

34.2226, 0.3780, 0.3153

Trichromacy



Original Color

34.3790, 0.3380, 0.2555



Protanomaly

34.0226, 0.2827, 0.2533



Deuteranomaly

33.9788, 0.3056, 0.2705



Tritanomaly

34.2104, 0.3631, 0.2919

Monochromacy



Original Color

34.3790, 0.3380, 0.2555



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

35.1343, 0.3221, 0.2979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3790, 0.3380, 0.2555 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, 131, 193)` looks like.

```
.text, #text, p{  
    color:rgb(214, 131, 193)  
}
```

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, 131, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 131, 193) }
```

Border

The CSS property to change the border of an element to Yxy 34.3790, 0.3380, 0.2555 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, 131, 193) }
```

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

```
.border{ border-color:rgb(214, 131, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 131, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 131, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 131, 193);  
box-shadow:4px 4px 4px 4px rgb(214, 131,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3790, 0.3380, 0.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 131, 193) }
```

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

```
.background{ background-color: rgb(214,  
131, 193) }
```

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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