

Converting Colors

Yxy(52.4908, 0.3386, 0.2972)

Have a look what the booklet for
Yxy(52.4908, 0.3386, 0.2972)
contains.

Yxy(52.5661, 0.3385, 0.2980)	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(52.5661, 0.3385, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	E8B0CC
RGB	232, 176, 204
RGB Percent	91%, 69%, 80%
CMY	0.0901, 0.3098, 0.2000
CMYK	0.00, 0.24, 0.12, 0.09
HSL	330°, 55%, 80%
HSV	330°, 24%, 91%
XYZ	59.7102, 52.5661, 64.1201
YIQ	195.9360, 24.3880, 20.5800

Conversions

Conversions Part 2

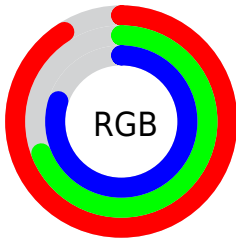
Format	Color
R _Y B	232, 176, 204
Decimal	15249612
CIE Lab	77.62, 24.70, -6.23
CIE LCh	78, 25.473, 345.847
Yxy	52.5661, 0.3385, 0.2980
Android (android.graphics.Color)	4293439692 (0xFFE8B0CC)
YUV	195.9360, 3.9756, 31.6281
Hunter-Lab	72.5025, 20.1261, -1.6834

Details

The Yxy color $52.5661, 0.3385, 0.2980$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71.3228, 0.2929, 0.3623$, and the grayscale version is $55.1285, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1932, 0.3138, 0.3068$, and $25.5980, 0.3454, 0.2900$ is the 20% darker color. If you saturate the color by 10%, you get $43.6977, 0.3530, 0.2845$, and if you desaturate by 10%, it is $63.0359, 0.3264, 0.3113$.

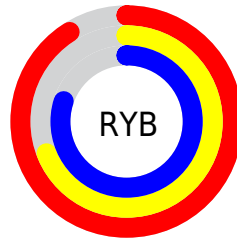
Distribution



Red (91%)

Green (69%)

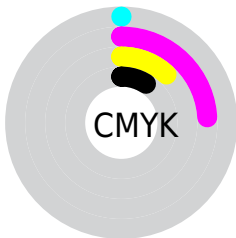
Blue (80%)



Red (91%)

Yellow (69%)

Blue (80%)

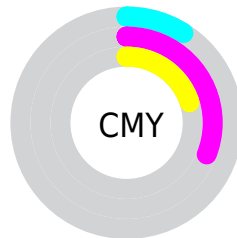


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5661, 0.3385, 0.2980 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 52.5661, 0.3385, 0.2980 by changing the saturation by 10% instead.


 52.5661, 0.3385,
0.2980

 52.5661, 0.3385,
0.2980


396.6182, 0.3261,
0.3128

 37.4565, 0.3415,
0.2945


 93.9656, 0.3341,
0.3032

 25.5611, 0.3452,
0.2901


121.0243, 0.3324,
0.3053

 16.4956, 0.3501,
0.2844


152.8347, 0.3309,
0.3070

 9.8755, 0.3568,
0.2768

189.7814, 0.3297,
0.3085

 5.3165, 0.3662,
0.2660

232.2487, 0.3286,
0.3098

 2.4341, 0.3807,
0.2498

280.6210, 0.3277,

 0.8434, 0.4060,

0.3109

0.2225

335.2827, 0.3268,
0.3119

0.0000, 0.7037,
0.0000

0.0000, 0.0000,
0.0000

52.5661, 0.3385,
0.2980

52.5661, 0.3385,
0.2980

43.6977, 0.3530,
0.2845

63.0359, 0.3264,
0.3113

36.3436, 0.3700,
0.2715

75.1742, 0.3164,
0.3240

30.4191, 0.3897,
0.2596

89.0532, 0.3081,
0.3359

25.8286, 0.4119,
0.2502

95.6109, 0.3013,
0.3335

■ 22.4641, 0.4360,
0.2443

■ 95.9015, 0.2988,
0.3290

■ 20.2009, 0.4609,
0.2433

■ 18.8871, 0.4854,
0.2478

■ 18.4207, 0.4992,
0.2524

Harmonies

Analogous

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



52.5661, 0.3037, 0.2798



52.5661, 0.3385, 0.2980



52.5661, 0.3673, 0.3238

Triad

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



52.5661, 0.3385, 0.2980



52.5661, 0.3515, 0.3896



52.5661, 0.2492, 0.3001

Complementary

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



52.5661, 0.3385, 0.2980



71.3228, 0.2929, 0.3623

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.



52.5661, 0.2605, 0.3308



52.5661, 0.3385, 0.2980



52.5661, 0.3187, 0.3854

Square

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



52.5661, 0.3385, 0.2980



52.5661, 0.3746, 0.3764



52.5661, 0.2855, 0.3631



52.5661, 0.2537, 0.2796

Rectangle

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



52.5661, 0.3385, 0.2980



52.5661, 0.3783, 0.3427



52.5661, 0.2855, 0.3631



52.5661, 0.2513, 0.3095

Sweetspot

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



52.5685, 0.3385, 0.2980



88.5733, 0.3191, 0.3204



49.7151, 0.2929, 0.2648



18.7581, 0.3196, 0.3196



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.



52.5685, 0.3385, 0.2980



59.3899, 0.3454, 0.2913



51.3435, 0.3632, 0.3292



14.4875, 0.3214, 0.3173



10.2486, 0.4956, 0.2504



0.7761, 0.4632, 0.2325

Inverse Universe

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



52.5685, 0.3385, 0.2980



59.3899, 0.3454, 0.2913



72.7896, 0.2772, 0.3289



14.4875, 0.3214, 0.3173



10.2486, 0.4956, 0.2504



0.7761, 0.4632, 0.2325

Previews

White Background



This preview shows how the Yxy color 52.5661, 0.3385, 0.2980 looks on a white background.

Color Contrast Check

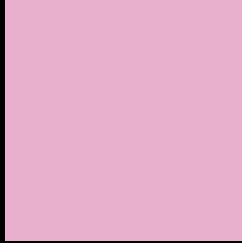
Large Text (above 18pt) WCAG AA × Fail

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 52.5661, 0.3385, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

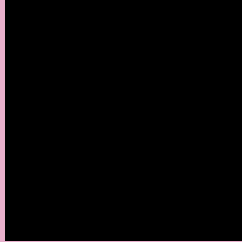
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5661, 0.3385, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 52.5661, 0.3385, 0.2980.



This preview shows how white text looks on a background with the Yxy color 52.5661, 0.3385, 0.2980.

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

52.5661, 0.3385, 0.2980

Protanopia

52.8845, 0.2951, 0.3023

Deuteranopia

52.5039, 0.3169, 0.3100



Tritanopia

52.6355, 0.3476, 0.3133

Trichromacy



Original Color

52.5661, 0.3385, 0.2980

Protanomaly

52.7501, 0.3100, 0.3007

Deuteranomaly

52.2148, 0.3240, 0.3046

Tritanomaly

52.4187, 0.3443, 0.3078

Monochromacy



Original Color

52.5661, 0.3385, 0.2980

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.0740, 0.3215, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5661, 0.3385, 0.2980 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(232, 176, 204)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 204)  
}
```

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(232, 176, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 204) }
```

Border

The CSS property to change the border of an element to Yxy 52.5661, 0.3385, 0.2980 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(232, 176, 204) }
```

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

```
.border{ border-color:rgb(232, 176, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 204);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5661, 0.3385, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 204) }
```

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

```
.background{ background-color: rgb(232,  
176, 204) }
```

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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