

Converting Colors

$Y_{xy}(51.0292, 0.33339, 0.2780)$

Have a look what the booklet for
Yxy(51.0292, 0.3339, 0.2780)
contains.

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Color

Yxy(50.9161, 0.3344, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	EDA8D7
RGB	237, 168, 215
RGB Percent	93%, 66%, 84%
CMY	0.0705, 0.3412, 0.1568
CMYK	0.00, 0.29, 0.09, 0.07
HSL	319°, 66%, 79%
HSV	319°, 29%, 93%
XYZ	61.2018, 50.9161, 70.9019
YIQ	193.9890, 26.0370, 29.2450

Conversions

Conversions Part 2

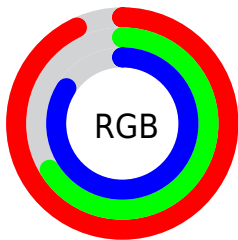
Format	Color
RYB	237, 168, 215
Decimal	15575255
CIELab	76.63, 32.50, -13.65
CIELCh	77, 35.253, 337.222
Yxy	50.9161, 0.3344, 0.2782
Android (android.graphics.Color)	4293765335 (0xFFEDA8D7)
YUV	193.9890, 10.3584, 37.7206
Hunter-Lab	71.3555, 28.2278, -8.9642

Details

The Yxy color $50.9161, 0.3344, 0.2782$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72.6268, 0.2962, 0.3860$, and the grayscale version is $53.8701, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7913, 0.3141, 0.2989$, and $24.5028, 0.3397, 0.2659$ is the 20% darker color. If you saturate the color by 10%, you get $42.5707, 0.3443, 0.2605$, and if you desaturate by 10%, it is $60.8790, 0.3258, 0.2961$.

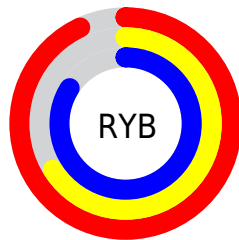
Distribution



Red (93%)

Green (66%)

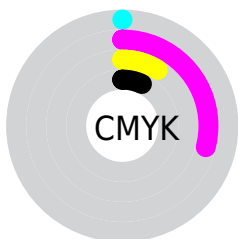
Blue (84%)



Red (93%)

Yellow (66%)

Blue (84%)

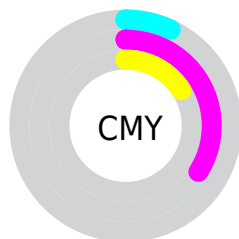


Cyan (0%)

Magenta (29%)

Yellow (9%)

Black (7%)



Cyan (7%)


Magenta (34%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9161, 0.3344, 0.2782 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 50.9161, 0.3344, 0.2782 by changing the saturation by 10% instead.

 50.9161, 0.3344,
0.2782


 50.9161, 0.3344,
0.2782


390.2377, 0.3242,
0.3021

 36.1418, 0.3368,
0.2726


 91.5307, 0.3308,
0.2866

 24.5438, 0.3397,
0.2657


 118.1399, 0.3295,
0.2898

 15.7375, 0.3434,
0.2569


149.4628, 0.3283,
0.2926

 9.3386, 0.3483,
0.2452

185.8839, 0.3273,
0.2950

 4.9627, 0.3550,
0.2291

227.7876, 0.3264,
0.2971

 2.2254, 0.3647,
0.2056

275.5582, 0.3256,

 0.7338, 0.3806,

0.2990

0.1670

329.5801, 0.3249,
0.3006

0.0000, 0.4447,
0.0000

0.0000, 0.0000,
0.0000

50.9161, 0.3344,
0.2782

50.9161, 0.3344,
0.2782

42.5707, 0.3443,
0.2605

60.8790, 0.3258,
0.2961

35.7490, 0.3556,
0.2438

72.5331, 0.3184,
0.3137

30.3580, 0.3680,
0.2292

85.9554, 0.3122,
0.3304

26.2918, 0.3814,
0.2177

96.1372, 0.3072,
0.3386

■ 23.4295, 0.3952,
0.2104

■ 96.6089, 0.3030,
0.3311

■ 21.6280, 0.4091,
0.2081

■ 96.7495, 0.3018,
0.3290

■ 20.6670, 0.4225,
0.2105

■ 20.5986, 0.4237,
0.2108

Harmonies

Analogous

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



50.9161, 0.2863, 0.2577



50.9161, 0.3344, 0.2782



50.9161, 0.3793, 0.3102

Triad

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



50.9161, 0.3344, 0.2782



50.9161, 0.3770, 0.4102



50.9161, 0.2280, 0.2985

Complementary

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



50.9161, 0.3344, 0.2782



72.6268, 0.2962, 0.3860

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.



50.9161, 0.2486, 0.3444



50.9161, 0.3344, 0.2782



50.9161, 0.3337, 0.4139

Square

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



50.9161, 0.3344, 0.2782



50.9161, 0.4041, 0.3844



50.9161, 0.2867, 0.3892



50.9161, 0.2281, 0.2664

Rectangle

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



50.9161, 0.3344, 0.2782



50.9161, 0.3997, 0.3352



50.9161, 0.2867, 0.3892



50.9161, 0.2326, 0.3128

Sweetspot

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



50.9184, 0.3344, 0.2782



85.7590, 0.3184, 0.3138



45.0461, 0.2779, 0.2479



17.8978, 0.3194, 0.3113



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.



50.9184, 0.3344, 0.2782



53.9624, 0.3402, 0.2675



49.3330, 0.3655, 0.3150



15.2273, 0.3187, 0.3131



11.2679, 0.4216, 0.2096



0.9022, 0.4042, 0.2000

Inverse Universe

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



50.9184, 0.3344, 0.2782



53.9624, 0.3402, 0.2675



74.3109, 0.2772, 0.3437



15.2273, 0.3187, 0.3131



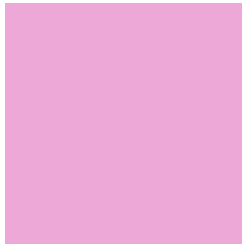
11.2679, 0.4216, 0.2096



0.9022, 0.4042, 0.2000

Previews

White Background



This preview shows how the Yxy color 50.9161, 0.3344, 0.2782 looks on a white background.

Color Contrast Check

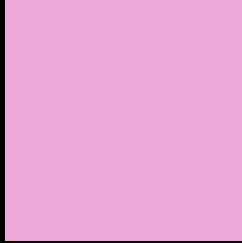
Large Text (above 18pt) WCAG AA × Fail

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 50.9161, 0.3344, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

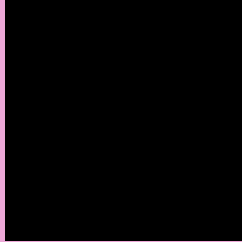
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9161, 0.3344, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 50.9161, 0.3344, 0.2782.



This preview shows how white text looks on a background with the Yxy color 50.9161, 0.3344, 0.2782.

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

50.9161, 0.3344, 0.2782

Protanopia

51.3916, 0.2788, 0.2807

Deuteranopia

50.9048, 0.3020, 0.2954



Tritanopia

50.7559, 0.3557, 0.3145

Trichromacy



Original Color

50.9161, 0.3344, 0.2782



Protanomaly

50.7930, 0.2971, 0.2799



Deuteranomaly

50.6419, 0.3138, 0.2885



Tritanomaly

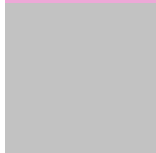
50.6495, 0.3471, 0.3002

Monochromacy



Original Color

50.9161, 0.3344, 0.2782



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.6638, 0.3203, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9161, 0.3344, 0.2782 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(237, 168, 215)` looks like.

```
.text, #text, p{  
    color:rgb(237, 168, 215)  
}
```

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(237, 168, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 168, 215) }
```

Border

The CSS property to change the border of an element to Yxy 50.9161, 0.3344, 0.2782 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(237, 168, 215) }
```

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

```
.border{ border-color:rgb(237, 168, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 168, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 168, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 168, 215);  
box-shadow:4px 4px 4px 4px rgb(237, 168,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9161, 0.3344, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 168, 215) }
```

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

```
.background{ background-color: rgb(237,  
168, 215) }
```

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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