

Converting Colors

Yxy(50.6264, 0.3359, 0.2833)

Have a look what the booklet for
Yxy(50.6264, 0.3359, 0.2833)
contains.

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Color

Yxy(50.7413, 0.3360, 0.2832)

Conversions

Conversions Part 1

Format	Color
Hex	EBA9D3
RGB	235, 169, 211
RGB Percent	92%, 66%, 83%
CMY	0.0785, 0.3372, 0.1727
CMYK	0.00, 0.28, 0.10, 0.08
HSL	322°, 62%, 79%
HSV	322°, 28%, 92%
XYZ	60.2015, 50.7413, 68.2284
YIQ	193.5220, 25.8540, 27.0540

Conversions

Conversions Part 2

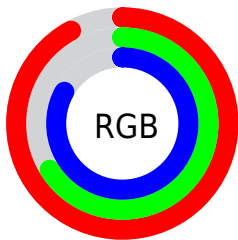
Format	Color
R _Y B	235, 169, 211
Decimal	15444435
CIE Lab	76.52, 30.60, -11.62
CIE LCh	77, 32.730, 339.196
Yxy	50.7413, 0.3360, 0.2832
Android (android.graphics.Color)	4293634515 (0xFFEBA9D3)
YUV	193.5220, 8.6167, 36.3762
Hunter-Lab	71.2329, 26.1992, -6.9262

Details

The Yxy color **50.7413, 0.3360, 0.2832** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71.7008, 0.2951, 0.3798**, and the grayscale version is **53.5892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **24.3561, 0.3420, 0.2721** is the 20% darker color. If you saturate the color by 10%, you get **42.3532, 0.3472, 0.2665**, and if you desaturate by 10%, it is **60.7281, 0.3264, 0.3000**.

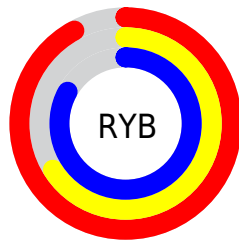
Distribution



Red (92%)

Green (66%)

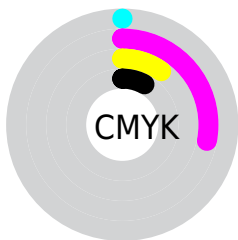
Blue (83%)



Red (92%)

Yellow (66%)

Blue (83%)

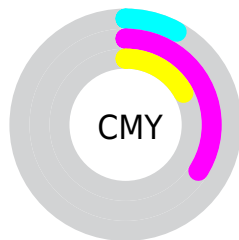


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (8%)



Cyan (8%)


Magenta (34%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7413, 0.3360, 0.2832 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 50.7413, 0.3360, 0.2832 by changing the saturation by 10% instead.

 50.7413, 0.3360,
0.2832

 50.7413, 0.3360,
0.2832

389.5578, 0.3249,
0.3049

 36.0028, 0.3386,
0.2781


 91.2723, 0.3321,
0.2908

 24.4363, 0.3418,
0.2718


117.8335, 0.3306,
0.2938

 15.6576, 0.3460,
0.2637


149.1044, 0.3293,
0.2963

 9.2822, 0.3516,
0.2529

185.4693, 0.3282,
0.2985

 4.9257, 0.3593,
0.2379

227.3128, 0.3272,
0.3004

 2.2037, 0.3708,
0.2158

275.0191, 0.3264,

 0.7220, 0.3905,

0.3021

0.1782

328.9726, 0.3256,
0.3036

0.0000, 0.4919,
0.0000

0.0000, 0.0000,
0.0000

50.7413, 0.3360,
0.2832

50.7413, 0.3360,
0.2832

42.3532, 0.3472,
0.2665

60.7281, 0.3264,
0.3000

35.4724, 0.3599,
0.2506

72.3849, 0.3183,
0.3164

30.0087, 0.3742,
0.2366

85.7871, 0.3115,
0.3319

25.8595, 0.3898,
0.2256

95.7853, 0.3060,
0.3387

■ 22.9082, 0.4061,
0.2186

■ 96.3206, 0.3012,
0.3302

■ 21.0175, 0.4226,
0.2167

■ 96.4009, 0.3005,
0.3290

■ 19.9958, 0.4386,
0.2198

■ 19.8446, 0.4417,
0.2207

Harmonies

Analogous

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



50.7413, 0.2910, 0.2631



50.7413, 0.3360, 0.2832



50.7413, 0.3769, 0.3139

Triad

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



50.7413, 0.3360, 0.2832



50.7413, 0.3705, 0.4056



50.7413, 0.2330, 0.2985

Complementary

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



50.7413, 0.3360, 0.2832



71.7008, 0.2951, 0.3798

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.



50.7413, 0.2512, 0.3405



50.7413, 0.3360, 0.2832



50.7413, 0.3296, 0.4069

Square

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



50.7413, 0.3360, 0.2832



50.7413, 0.3968, 0.3830



50.7413, 0.2860, 0.3823



50.7413, 0.2342, 0.2693

Rectangle

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



50.7413, 0.3360, 0.2832



50.7413, 0.3947, 0.3375



50.7413, 0.2860, 0.3823



50.7413, 0.2369, 0.3115

Sweetspot

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



50.7436, 0.3360, 0.2832



87.1987, 0.3183, 0.3164



45.5992, 0.2811, 0.2516



18.1815, 0.3194, 0.3140



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.



50.7436, 0.3360, 0.2832



54.7272, 0.3426, 0.2730



49.2930, 0.3650, 0.3180



15.2153, 0.3194, 0.3141



11.0706, 0.4393, 0.2194



0.8877, 0.4186, 0.2079

Inverse Universe

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



50.7436, 0.3360, 0.2832



54.7272, 0.3426, 0.2730



73.2903, 0.2772, 0.3405



15.2153, 0.3194, 0.3141



11.0706, 0.4393, 0.2194



0.8877, 0.4186, 0.2079

Previews

White Background



This preview shows how the Yxy color 50.7413, 0.3360, 0.2832 looks on a white background.

Color Contrast Check

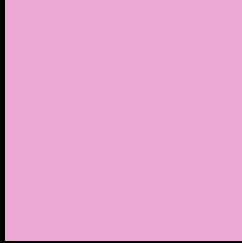
Large Text (above 18pt) WCAG AA × Fail

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 50.7413, 0.3360, 0.2832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

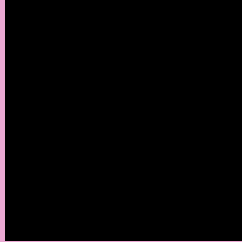
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7413, 0.3360, 0.2832

Background



This preview shows how black text looks on a background with the Yxy color 50.7413, 0.3360, 0.2832.



This preview shows how white text looks on a background with the Yxy color 50.7413, 0.3360, 0.2832.

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

50.7413, 0.3360, 0.2832

Protanopia

51.2392, 0.2829, 0.2865

Deuteranopia

50.9772, 0.3067, 0.3002



Tritanopia

50.6308, 0.3539, 0.3133

Trichromacy



Original Color

50.7413, 0.3360, 0.2832



Protanomaly

50.5797, 0.3001, 0.2842



Deuteranomaly

50.8407, 0.3169, 0.2941



Tritanomaly

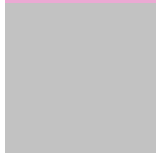
50.8142, 0.3470, 0.3023

Monochromacy



Original Color

50.7413, 0.3360, 0.2832



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.4234, 0.3211, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7413, 0.3360, 0.2832 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(235, 169, 211)` looks like.

```
.text, #text, p{  
    color:rgb(235, 169, 211)  
}
```

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(235, 169, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 169, 211) }
```

Border

The CSS property to change the border of an element to Yxy 50.7413, 0.3360, 0.2832 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(235, 169, 211) }
```

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

```
.border{ border-color:rgb(235, 169, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 169, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 169, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 169, 211);  
box-shadow:4px 4px 4px 4px rgb(235, 169,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7413, 0.3360, 0.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 169, 211) }
```

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

```
.background{ background-color: rgb(235,  
169, 211) }
```

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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