

Converting Colors

$Yxy(50.7473, 0.3404, 0.2826)$

Have a look what the booklet for
Yxy(50.7473, 0.3404, 0.2826)
contains.

Yxy(50.6413, 0.3406, 0.2826)	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(50.6413, 0.3406, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	EFA7D2
RGB	239, 167, 210
RGB Percent	94%, 65%, 82%
CMY	0.0629, 0.3450, 0.1765
CMYK	0.00, 0.30, 0.12, 0.06
HSL	324°, 69%, 80%
HSV	324°, 30%, 94%
XYZ	61.0348, 50.6413, 67.5217
YIQ	193.4300, 29.1090, 28.6370

Conversions

Conversions Part 2

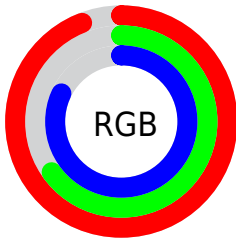
Format	Color
R_{YB}	239, 167, 210
Decimal	15706066
CIE _{Lab}	76.46, 32.83, -11.14
CIE _{LCh}	76, 34.667, 341.262
Yxy	50.6413, 0.3406, 0.2826
Android (android.graphics.Color)	4293896146 (0xFFEFA7D2)
YUV	193.4300, 8.1690, 39.9649
Hunter-Lab	71.1627, 28.5610, -6.4426

Details

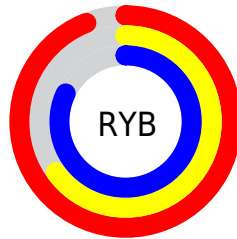
The Yxy color **50.6413, 0.3406, 0.2826** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.9095, 0.2923, 0.3807**, and the grayscale version is **53.5334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **24.3800, 0.3471, 0.2703** is the 20% darker color. If you saturate the color by 10%, you get **42.2152, 0.3533, 0.2669**, and if you desaturate by 10%, it is **60.7184, 0.3297, 0.2985**.

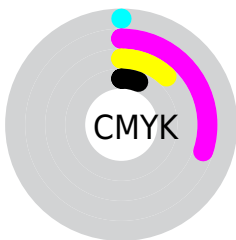
Distribution



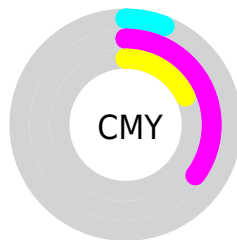
- Red (94%)
- Green (65%)
- Blue (82%)



- Red (94%)
- Yellow (65%)
- Blue (82%)



- Cyan (0%)
- Magenta (30%)
- Yellow (12%)
- Black (6%)




- Cyan (6%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6413, 0.3406, 0.2826 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 50.6413, 0.3406, 0.2826 by changing the saturation by 10% instead.

 50.6413, 0.3406,
0.2826


 50.6413, 0.3406,
0.2826


389.1685, 0.3273,
0.3046

 35.9232, 0.3437,
0.2775


 91.1243, 0.3359,
0.2903

 24.3749, 0.3477,
0.2710


 117.6581, 0.3341,
0.2933

 15.6120, 0.3528,
0.2628


148.8992, 0.3326,
0.2959

 9.2500, 0.3596,
0.2519

185.2320, 0.3312,
0.2981

 4.9046, 0.3691,
0.2367

227.0409, 0.3300,
0.3000

 2.1914, 0.3834,
0.2143

274.7104, 0.3290,

 0.7153, 0.4082,

0.3017

0.1762

328.6248, 0.3281,
0.3032

0.0000, 0.5493,
0.0000

0.0000, 0.0000,
0.0000

50.6413, 0.3406,
0.2826

50.6413, 0.3406,
0.2826

42.2152, 0.3533,
0.2669

60.7184, 0.3297,
0.2985

35.3435, 0.3680,
0.2521

72.5225, 0.3205,
0.3140

29.9302, 0.3844,
0.2394

86.1331, 0.3128,
0.3289

25.8655, 0.4023,
0.2299

96.6697, 0.3066,
0.3354

■ 23.0242, 0.4210,
0.2247

■ 97.0825, 0.3029,
0.3290

■ 21.2569, 0.4398,
0.2248

■ 20.3172, 0.4578,
0.2296

Harmonies

Analogous

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



50.6413, 0.2927, 0.2605



50.6413, 0.3406, 0.2826



50.6413, 0.3832, 0.3154

Triad

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



50.6413, 0.3406, 0.2826



50.6413, 0.3711, 0.4110



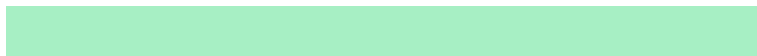
50.6413, 0.2280, 0.2938

Complementary

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



50.6413, 0.3406, 0.2826



73.9095, 0.2923, 0.3807

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.



50.6413, 0.2457, 0.3377



50.6413, 0.3406, 0.2826



50.6413, 0.3271, 0.4109

Square

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



50.6413, 0.3406, 0.2826



50.6413, 0.4005, 0.3880



50.6413, 0.2813, 0.3831



50.6413, 0.2308, 0.2644

Rectangle

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



50.6413, 0.3406, 0.2826



50.6413, 0.4011, 0.3403



50.6413, 0.2813, 0.3831



50.6413, 0.2316, 0.3073

Sweetspot

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



50.6436, 0.3406, 0.2826



85.6403, 0.3196, 0.3157



45.5867, 0.2811, 0.2459



17.8685, 0.3208, 0.3134



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.



50.6436, 0.3406, 0.2826



52.5890, 0.3481, 0.2731



49.0558, 0.3736, 0.3212



15.9174, 0.3200, 0.3150



11.2594, 0.4551, 0.2281



0.9563, 0.4326, 0.2157

Inverse Universe

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



50.6436, 0.3406, 0.2826



52.5890, 0.3481, 0.2731



75.7368, 0.2730, 0.3372



15.9174, 0.3200, 0.3150



11.2594, 0.4551, 0.2281



0.9563, 0.4326, 0.2157

Previews

White Background



This preview shows how the Yxy color 50.6413, 0.3406, 0.2826 looks on a white background.

Color Contrast Check

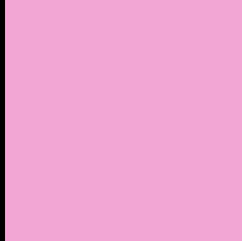
Large Text (above 18pt) WCAG AA × Fail

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 50.6413, 0.3406, 0.2826 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 50.6413, 0.3406, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 50.6413, 0.3406, 0.2826.



This preview shows how white text looks on a background with the Yxy color 50.6413, 0.3406, 0.2826.

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

50.6413, 0.3406, 0.2826

Protanopia

50.8134, 0.2828, 0.2852

Deuteranopia

50.9281, 0.3074, 0.3013



Tritanopia

50.8407, 0.3596, 0.3146

Trichromacy



Original Color

50.6413, 0.3406, 0.2826



Protanomaly

50.4010, 0.3024, 0.2844



Deuteranomaly

50.6910, 0.3195, 0.2942



Tritanomaly

50.6490, 0.3527, 0.3026

Monochromacy



Original Color

50.6413, 0.3406, 0.2826



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

52.1061, 0.3228, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6413, 0.3406, 0.2826 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(239, 167, 210)` looks like.

```
.text, #text, p{  
    color:rgb(239, 167, 210)  
}
```

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(239, 167, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 167, 210) }
```

Border

The CSS property to change the border of an element to Yxy 50.6413, 0.3406, 0.2826 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(239, 167, 210) }
```

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

```
.border{ border-color:rgb(239, 167, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 167, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 167, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 167, 210);  
box-shadow:4px 4px 4px 4px rgb(239, 167,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6413, 0.3406, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 167, 210) }
```

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

```
.background{ background-color: rgb(239,  
167, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor