

Converting Colors

Yxy(50.5696, 0.3407, 0.2802)

Have a look what the booklet for
Yxy(50.5696, 0.3407, 0.2802)
contains.

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Color

Yxy(50.5008, 0.3408, 0.2806)

Conversions

Conversions Part 1

Format	Color
Hex	F0A6D3
RGB	240, 166, 211
RGB Percent	94%, 65%, 83%
CMY	0.0587, 0.3490, 0.1726
CMYK	0.00, 0.31, 0.12, 0.06
HSL	324°, 71%, 80%
HSV	324°, 31%, 94%
XYZ	61.3353, 50.5008, 68.1383
YIQ	193.2560, 29.6590, 29.6830

Conversions

Conversions Part 2

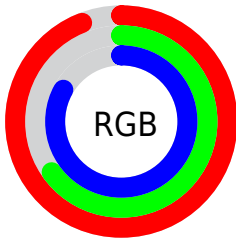
Format	Color
R _Y B	240, 166, 211
Decimal	15771347
CIE Lab	76.38, 33.91, -11.80
CIE LCh	76, 35.901, 340.808
Yxy	50.5008, 0.3408, 0.2806
Android (android.graphics.Color)	4293961427 (0xFFFF0A6D3)
YUV	193.2560, 8.7478, 40.9945
Hunter-Lab	71.0639, 29.7015, -7.1044

Details

The Yxy color **50.5008, 0.3408, 0.2806** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **74.3841, 0.2923, 0.3831**, and the grayscale version is **53.4228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7226, 0.3142, 0.2970**, and **24.2778, 0.3485, 0.2692** is the 20% darker color. If you saturate the color by 10%, you get **42.1179, 0.3533, 0.2647**, and if you desaturate by 10%, it is **60.5444, 0.3300, 0.2968**.

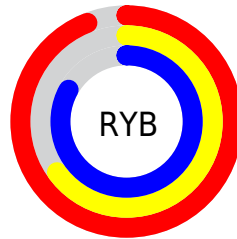
Distribution



Red (94%)

Green (65%)

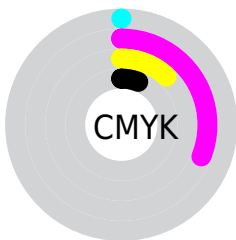
Blue (83%)



Red (94%)

Yellow (65%)

Blue (83%)

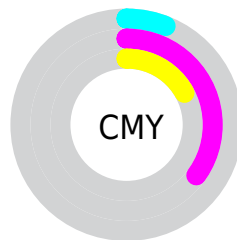


Cyan (0%)

Magenta (31%)

Yellow (12%)

Black (6%)



Cyan (6%)


Magenta (35%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5008, 0.3408, 0.2806 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 50.5008, 0.3408, 0.2806 by changing the saturation by 10% instead.


 50.5008, 0.3408,
0.2806


 50.5008, 0.3408,
0.2806

388.6212, 0.3274,
0.3035

 35.8115, 0.3440,
0.2753


 90.9164, 0.3361,
0.2886

 24.2886, 0.3479,
0.2686


 117.4116, 0.3343,
0.2917

 15.5479, 0.3530,
0.2601


148.6107, 0.3327,
0.2944

 9.2048, 0.3597,
0.2487

184.8983, 0.3314,
0.2967

 4.8750, 0.3692,
0.2331

226.6588, 0.3302,
0.2987

 2.1741, 0.3834,
0.2100

274.2765, 0.3292,

 0.7058, 0.4077,

0.3005

0.1709

328.1358, 0.3282,
0.3021

0.0000, 0.5348,
0.0000

0.0000, 0.0000,
0.0000

50.5008, 0.3408,
0.2806

50.5008, 0.3408,
0.2806

42.1179, 0.3533,
0.2647

60.5444, 0.3300,
0.2968

35.2974, 0.3677,
0.2498

72.3259, 0.3209,
0.3126

29.9416, 0.3838,
0.2371

85.9261, 0.3133,
0.3278

25.9386, 0.4011,
0.2276

96.8676, 0.3071,
0.3352

■ 23.1603, 0.4192,
0.2226

■ 97.2701, 0.3036,
0.3290

■ 21.4534, 0.4373,
0.2228

■ 20.6022, 0.4535,
0.2272

Harmonies

Analogous

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



50.5008, 0.2912, 0.2581



50.5008, 0.3408, 0.2806



50.5008, 0.3852, 0.3142

Triad

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



50.5008, 0.3408, 0.2806



50.5008, 0.3736, 0.4137



50.5008, 0.2253, 0.2930

Complementary

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



50.5008, 0.3408, 0.2806



74.3841, 0.2923, 0.3831

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.



50.5008, 0.2437, 0.3387



50.5008, 0.3408, 0.2806



50.5008, 0.3282, 0.4144

Square

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



50.5008, 0.3408, 0.2806



50.5008, 0.4039, 0.3893



50.5008, 0.2808, 0.3858



50.5008, 0.2279, 0.2624

Rectangle

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



50.5008, 0.3408, 0.2806



50.5008, 0.4040, 0.3399



50.5008, 0.2808, 0.3858



50.5008, 0.2291, 0.3070

Sweetspot

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



50.5031, 0.3408, 0.2806



85.6552, 0.3194, 0.3154



45.0819, 0.2792, 0.2434



17.8722, 0.3206, 0.3132



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.



50.5031, 0.3408, 0.2806



51.6895, 0.3485, 0.2705



48.8809, 0.3745, 0.3196



15.9203, 0.3198, 0.3147



11.3019, 0.4508, 0.2257



0.9597, 0.4290, 0.2137

Inverse Universe

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



50.5031, 0.3408, 0.2806



51.6895, 0.3485, 0.2705



76.2344, 0.2728, 0.3389



15.9203, 0.3198, 0.3147



11.3019, 0.4508, 0.2257



0.9597, 0.4290, 0.2137

Previews

White Background



This preview shows how the Yxy color 50.5008, 0.3408, 0.2806 looks on a white background.

Color Contrast Check

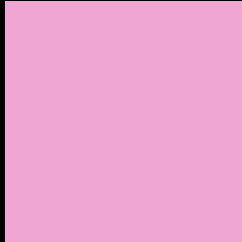
Large Text (above 18pt) WCAG AA × Fail

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 50.5008, 0.3408, 0.2806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

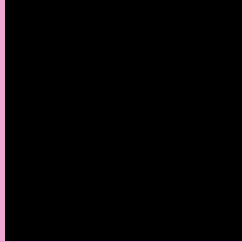
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5008, 0.3408, 0.2806

Background



This preview shows how black text looks on a background with the Yxy color 50.5008, 0.3408, 0.2806.



This preview shows how white text looks on a background with the Yxy color 50.5008, 0.3408, 0.2806.

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

50.5008, 0.3408, 0.2806

Protanopia

50.8006, 0.2807, 0.2829

Deuteranopia

50.8408, 0.3058, 0.3001



Tritanopia

50.5910, 0.3616, 0.3147

Trichromacy



Original Color

50.5008, 0.3408, 0.2806



Protanomaly

49.9641, 0.3001, 0.2809



Deuteranomaly

50.1939, 0.3179, 0.2918



Tritanomaly

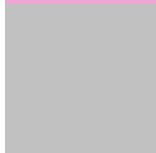
50.4481, 0.3538, 0.3016

Monochromacy



Original Color

50.5008, 0.3408, 0.2806



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.7387, 0.3221, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5008, 0.3408, 0.2806 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(240, 166, 211)` looks like.

```
.text, #text, p{  
    color:rgb(240, 166, 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(240, 166, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 166, 211) }
```

Border

The CSS property to change the border of an element to Yxy 50.5008, 0.3408, 0.2806 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(240, 166, 211) }
```

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

```
.border{ border-color:rgb(240, 166, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 166, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 166, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 166, 211);  
box-shadow:4px 4px 4px 4px rgb(240, 166,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5008, 0.3408, 0.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 166, 211) }
```

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

```
.background{ background-color: rgb(240,  
166, 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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