

Converting Colors

$Y_{xy}(51.0365, 0.3321, 0.2617)$

Have a look what the booklet for
Yxy(51.0365, 0.3321, 0.2617)
contains.

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Color

Yxy(50.9795, 0.3325, 0.2616)

Conversions

Conversions Part 1

Format	Color
Hex	F6A2E3
RGB	246, 162, 227
RGB Percent	96%, 64%, 89%
CMY	0.0352, 0.3647, 0.1098
CMYK	0.00, 0.34, 0.08, 0.04
HSL	314°, 82%, 80%
HSV	314°, 34%, 96%
XYZ	64.7962, 50.9795, 79.1001
YIQ	194.5260, 29.1990, 38.0230

Conversions

Conversions Part 2

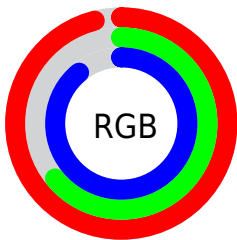
Format	Color
R _Y B	246, 162, 227
Decimal	16163555
CIE Lab	76.67, 40.63, -20.02
CIE LCh	77, 45.295, 333.767
Yxy	50.9795, 0.3325, 0.2616
Android (android.graphics.Color)	4294353635 (0xFFF6A2E3)
YUV	194.5260, 16.0097, 45.1427
Hunter-Lab	71.3999, 37.0408, -15.7042

Details

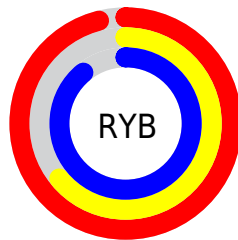
The Yxy color **50.9795, 0.3325, 0.2616** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **76.9402, 0.2978, 0.4076**, and the grayscale version is **54.1684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **24.6072, 0.3356, 0.2454** is the 20% darker color. If you saturate the color by 10%, you get **42.8436, 0.3401, 0.2424**, and if you desaturate by 10%, it is **60.8253, 0.3257, 0.2816**.

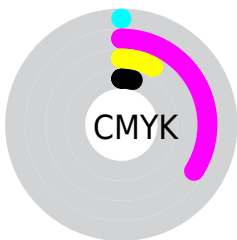
Distribution



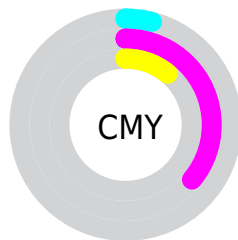
- Red (96%)
- Green (64%)
- Blue (89%)



- Red (96%)
- Yellow (64%)
- Blue (89%)



- Cyan (0%)
- Magenta (34%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9795, 0.3325, 0.2616 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 50.9795, 0.3325, 0.2616 by changing the saturation by 10% instead.

 50.9795, 0.3325,
0.2616


 50.9795, 0.3325,
0.2616


390.4841, 0.3236,
0.2928

 36.1923, 0.3344,
0.2545


 91.6245, 0.3295,
0.2724

 24.5827, 0.3368,
0.2458


 118.2510, 0.3283,
0.2766

 15.7665, 0.3397,
0.2347


149.5928, 0.3273,
0.2802

 9.3590, 0.3433,
0.2204

186.0342, 0.3264,
0.2834

 4.9761, 0.3479,
0.2011

227.9597, 0.3256,
0.2862

 2.2333, 0.3540,
0.1741

275.7536, 0.3249,

 0.7380, 0.3620,

0.2886

0.1327

329.8002, 0.3242,
0.2908

0.0000, 0.3910,
0.0000

0.0000, 0.0000,
0.0000

50.9795, 0.3325,
0.2616

50.9795, 0.3325,
0.2616

42.8436, 0.3401,
0.2424

60.8253, 0.3257,
0.2816

36.3113, 0.3484,
0.2248

72.4653, 0.3198,
0.3017

31.2752, 0.3573,
0.2101

85.9868, 0.3146,
0.3212

27.6117, 0.3664,
0.1991

97.9727, 0.3104,
0.3345

■ 25.1776, 0.3755,
0.1927

■ 98.3259, 0.3073,
0.3291

■ 23.7977, 0.3844,
0.1911

■ 98.3361, 0.3072,
0.3290

■ 23.3289, 0.3894,
0.1919

Harmonies

Analogous

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



50.9795, 0.2721, 0.2383



50.9795, 0.3325, 0.2616



50.9795, 0.3925, 0.2994

Triad

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



50.9795, 0.3325, 0.2616



50.9795, 0.3987, 0.4290



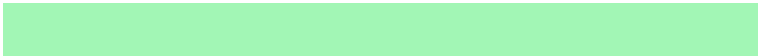
50.9795, 0.2080, 0.2945

Complementary

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



50.9795, 0.3325, 0.2616



76.9402, 0.2978, 0.4076

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.



50.9795, 0.2356, 0.3554



50.9795, 0.3325, 0.2616



50.9795, 0.3447, 0.4409

Square

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



50.9795, 0.3325, 0.2616



50.9795, 0.4313, 0.3918



50.9795, 0.2850, 0.4136



50.9795, 0.2055, 0.2523

Rectangle

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



50.9795, 0.3325, 0.2616



50.9795, 0.4212, 0.3295



50.9795, 0.2850, 0.4136



50.9795, 0.2144, 0.3134

Sweetspot

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



50.9818, 0.3325, 0.2616



84.4296, 0.3175, 0.3098



42.2218, 0.2640, 0.2302



17.6392, 0.3183, 0.3071



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.



50.9818, 0.3325, 0.2616



49.0054, 0.3377, 0.2481



48.9723, 0.3704, 0.3034



16.7004, 0.3173, 0.3109



12.4723, 0.3880, 0.1911



1.1115, 0.3778, 0.1855

Inverse Universe

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



50.9818, 0.3325, 0.2616



49.0054, 0.3377, 0.2481



78.8888, 0.2761, 0.3566



16.7004, 0.3173, 0.3109



12.4723, 0.3880, 0.1911



1.1115, 0.3778, 0.1855

Previews

White Background



This preview shows how the Yxy color 50.9795, 0.3325, 0.2616 looks on a white background.

Color Contrast Check

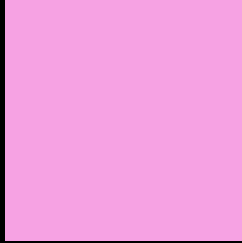
Large Text (above 18pt) WCAG AA × Fail

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 50.9795, 0.3325, 0.2616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

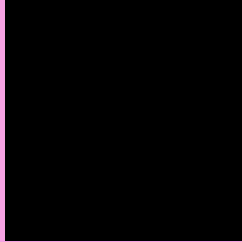
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9795, 0.3325, 0.2616

Background



This preview shows how black text looks on a background with the Yxy color 50.9795, 0.3325, 0.2616.



This preview shows how white text looks on a background with the Yxy color 50.9795, 0.3325, 0.2616.

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

50.9795, 0.3325, 0.2616

Protanopia

51.2472, 0.2640, 0.2605

Deuteranopia

51.2321, 0.2902, 0.2837



Tritanopia

50.8691, 0.3664, 0.3149

Trichromacy



Original Color

50.9795, 0.3325, 0.2616



Protanomaly

50.4313, 0.2864, 0.2605



Deuteranomaly

50.8231, 0.3053, 0.2754



Tritanomaly

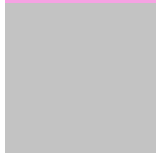
50.8156, 0.3541, 0.2945

Monochromacy



Original Color

50.9795, 0.3325, 0.2616



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.6681, 0.3199, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9795, 0.3325, 0.2616 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(246, 162, 227)` looks like.

```
.text, #text, p{  
    color:rgb(246, 162, 227)  
}
```

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(246, 162, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 162, 227) }
```

Border

The CSS property to change the border of an element to Yxy 50.9795, 0.3325, 0.2616 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(246, 162, 227) }
```

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

```
.border{ border-color:rgb(246, 162, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 162, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 162, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 162, 227);  
box-shadow:4px 4px 4px 4px rgb(246, 162,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9795, 0.3325, 0.2616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 162, 227) }
```

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

```
.background{ background-color: rgb(246,  
162, 227) }
```

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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