

Converting Colors

$Y_{xy}(50.7744, 0.3562, 0.2793)$

Have a look what the booklet for
Yxy(50.7744, 0.3562, 0.2793)
contains.

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Color

Yxy(50.7665, 0.3569, 0.2795)

Conversions

Conversions Part 1

Format	Color
Hex	FEA0D0
RGB	254, 160, 208
RGB Percent	100%, 63%, 82%
CMY	0.0039, 0.3725, 0.1844
CMYK	0.00, 0.37, 0.18, 0.00
HSL	329°, 98%, 81%
HSV	329°, 37%, 100%
XYZ	64.8249, 50.7665, 66.0419
YIQ	193.5780, 40.6160, 34.8560

Conversions

Conversions Part 2

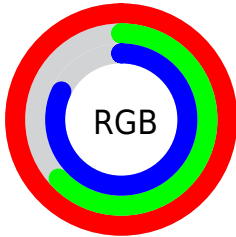
Format	Color
RYB	254, 160, 208
Decimal	16687312
CIELab	76.54, 41.25, -9.75
CIELCh	77, 42.389, 346.702
Yxy	50.7665, 0.3569, 0.2795
Android (android.graphics.Color)	4294877392 (0xFFFEA0D0)
YUV	193.5780, 7.1100, 52.9901
Hunter-Lab	71.2506, 37.7135, -5.0802

Details

The Yxy color **50.7665, 0.3569, 0.2795** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.8124, 0.2840, 0.3850**, and the grayscale version is **53.6271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5917, 0.3145, 0.2910**, and **24.5842, 0.3681, 0.2673** is the 20% darker color. If you saturate the color by 10%, you get **42.2547, 0.3744, 0.2664**, and if you desaturate by 10%, it is **61.1298, 0.3420, 0.2933**.

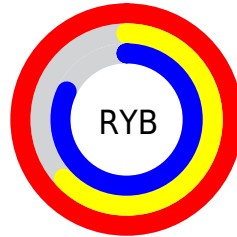
Distribution



Red (100%)

Green (63%)

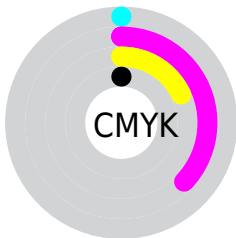
Blue (82%)



Red (100%)

Yellow (63%)

Blue (82%)

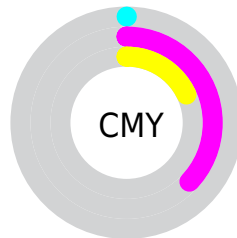


Cyan (0%)

Magenta (37%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (37%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7665, 0.3569, 0.2795 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 50.7665, 0.3569, 0.2795 by changing the saturation by 10% instead.


 50.7665, 0.3569,
0.2795

 50.7665, 0.3569,
0.2795


389.6559, 0.3356,
0.3029

 36.0228, 0.3620,
0.2740


 91.3095, 0.3493,
0.2877

 24.4518, 0.3684,
0.2672


 117.8777, 0.3465,
0.2909

 15.6691, 0.3766,
0.2585


149.1561, 0.3440,
0.2936

 9.2903, 0.3877,
0.2469

185.5291, 0.3419,
0.2960

 4.9310, 0.4035,
0.2309

227.3812, 0.3400,
0.2980

 2.2068, 0.4273,
0.2074

275.0968, 0.3384,

 0.7237, 0.4685,

0.2999

0.1682

329.0602, 0.3369,
0.3015

0.0000, 0.7086,
0.0000

0.0000, 0.0000,
0.0000

50.7665, 0.3569,
0.2795

50.7665, 0.3569,
0.2795

42.2547, 0.3744,
0.2664

61.1298, 0.3420,
0.2933

35.4761, 0.3945,
0.2548

73.4395, 0.3294,
0.3070

30.3093, 0.4169,
0.2461

87.7926, 0.3189,
0.3202

26.6145, 0.4408,
0.2414

99.8097, 0.3121,
0.3290

■ 24.2273, 0.4652,
0.2419

■ 22.9385, 0.4887,
0.2479

■ 22.6715, 0.4956,
0.2504

Harmonies

Analogous

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



50.7665, 0.2981, 0.2508



50.7665, 0.3569, 0.2795



50.7665, 0.4063, 0.3196

Triad

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



50.7665, 0.3569, 0.2795



50.7665, 0.3737, 0.4316



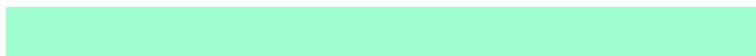
50.7665, 0.2099, 0.2772

Complementary

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



50.7665, 0.3569, 0.2795



82.8124, 0.2840, 0.3850

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.



50.7665, 0.2261, 0.3282



50.7665, 0.3569, 0.2795



50.7665, 0.3188, 0.4270

Square

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



50.7665, 0.3569, 0.2795



50.7665, 0.4144, 0.4056



50.7665, 0.2649, 0.3867



50.7665, 0.2177, 0.2467

Rectangle

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



50.7665, 0.3569, 0.2795



50.7665, 0.4243, 0.3493



50.7665, 0.2649, 0.3867



50.7665, 0.2126, 0.2922

Sweetspot

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



50.7689, 0.3569, 0.2795



82.5376, 0.3229, 0.3150



45.3430, 0.2779, 0.2260



17.2442, 0.3243, 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.



50.7689, 0.3569, 0.2795



45.0180, 0.3689, 0.2702



48.8096, 0.4022, 0.3276



18.1418, 0.3214, 0.3169



11.9833, 0.4920, 0.2484



1.1888, 0.4672, 0.2347

Inverse Universe

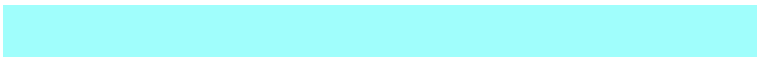
The Inverse Universe completely reimagines the original color for something new.



50.7689, 0.3569, 0.2795



45.0180, 0.3689, 0.2702



85.4102, 0.2616, 0.3306



18.1418, 0.3214, 0.3169



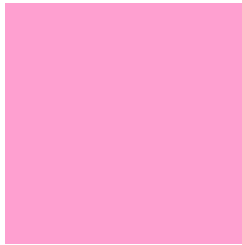
11.9833, 0.4920, 0.2484



1.1888, 0.4672, 0.2347

Previews

White Background



This preview shows how the Yxy color 50.7665, 0.3569, 0.2795 looks on a white background.

Color Contrast Check

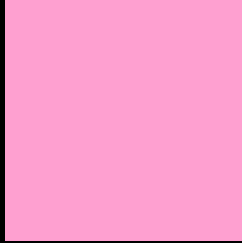
Large Text (above 18pt) WCAG AA × Fail

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 50.7665, 0.3569, 0.2795 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 50.7665, 0.3569, 0.2795

Background



This preview shows how black text looks on a background with the Yxy color 50.7665, 0.3569, 0.2795.



This preview shows how white text looks on a background with the Yxy color 50.7665, 0.3569, 0.2795.

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

50.7665, 0.3569, 0.2795

Protanopia

51.2812, 0.2801, 0.2830

Deuteranopia

51.0581, 0.3114, 0.3050



Tritanopia

50.6338, 0.3816, 0.3153

Trichromacy



Original Color

50.7665, 0.3569, 0.2795



Protanomaly

50.3652, 0.3058, 0.2815



Deuteranomaly

50.2834, 0.3273, 0.2946



Tritanomaly

50.5640, 0.3725, 0.3017

Monochromacy



Original Color

50.7665, 0.3569, 0.2795



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.1783, 0.3281, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7665, 0.3569, 0.2795 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(254, 160, 208)` looks like.

```
.text, #text, p{  
  color:rgb(254, 160, 208)  
}
```

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(254, 160, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 160, 208) }
```

Border

The CSS property to change the border of an element to Yxy 50.7665, 0.3569, 0.2795 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(254, 160, 208) }
```

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

```
.border{ border-color:rgb(254, 160, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 160, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 160, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 160, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 160,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7665, 0.3569, 0.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 160, 208) }
```

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

```
.background{ background-color: rgb(254,  
160, 208) }
```

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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