

Converting Colors

$Y_{xy}(56.5004, 0.3461, 0.2833)$

Have a look what the booklet for
Yxy(56.5004, 0.3461, 0.2833)
contains.

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Color

Yxy(56.5941, 0.3465, 0.2840)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFAEDA |
| RGB | 255, 174, 218 |
| RGB Percent | 100%, 68%, 85% |
| CMY | 0.0000, 0.3177, 0.1450 |
| CMYK | 0.00, 0.32, 0.14, 0.00 |
| HSL | 327°, 100%, 84% |
| HSV | 327°, 32%, 100% |
| XYZ | 69.0488, 56.5941, 73.6321 |
| YIQ | 203.2350, 34.1520, 30.8560 |

Conversions

Conversions Part 2

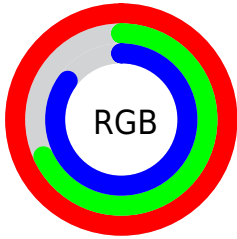
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 174, 218 |
| Decimal | 16756442 |
| CIE Lab | 79.95, 35.90, -10.12 |
| CIE LCh | 80, 37.296, 344.261 |
| Yxy | 56.5941, 0.3465, 0.2840 |
| Android (android.graphics.Color) | 4294946522 (0xFFFFAEDA) |
| YUV | 203.2350, 7.2791, 45.3979 |
| Hunter-Lab | 75.2291, 32.1849, -5.3711 |

Details

The Yxy color **56.5941, 0.3465, 0.2840** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.2164, 0.2890, 0.3791**, and the grayscale version is **59.8051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **27.9476, 0.3549, 0.2728** is the 20% darker color. If you saturate the color by 10%, you get **47.0646, 0.3614, 0.2696**, and if you desaturate by 10%, it is **68.0203, 0.3337, 0.2986**.

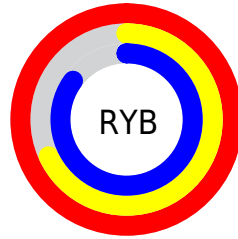
Distribution



Red (100%)

Green (68%)

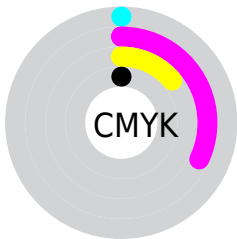
Blue (85%)



Red (100%)

Yellow (68%)

Blue (85%)

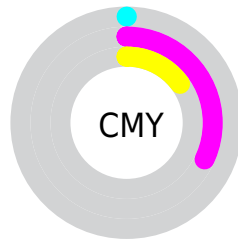


Cyan (0%)

Magenta (32%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (32%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5941, 0.3465, 0.2840 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 56.5941, 0.3465, 0.2840 by changing the saturation by 10% instead.

 56.5941, 0.3465,
0.2840

 56.5941, 0.3465,
0.2840


411.9266, 0.3306,
0.3050

 40.6794, 0.3502,
0.2792


 99.8727, 0.3409,
0.2913

 28.0687, 0.3548,
0.2732


128.0054, 0.3388,
0.2941

 18.3775, 0.3608,
0.2657


160.9796, 0.3369,
0.2966

 11.2213, 0.3686,
0.2558

199.1797, 0.3353,
0.2987

 6.2159, 0.3795,
0.2422

242.9900, 0.3339,
0.3005

 2.9768, 0.3956,
0.2227

292.7950, 0.3327,

 1.1196, 0.4215,

0.3022

0.1924

348.9791, 0.3316,
0.3036

0.0000, 0.5541,
0.0000

0.0000, 0.0000,
0.0000

56.5941, 0.3465,
0.2840

56.5941, 0.3465,
0.2840

47.0646, 0.3614,
0.2696

68.0203, 0.3337,
0.2986

39.3489, 0.3788,
0.2563

81.4660, 0.3230,
0.3130

33.3214, 0.3983,
0.2452

97.0149, 0.3141,
0.3267

28.8503, 0.4195,
0.2375

100.0000, 0.3127,
0.3290

■ 25.7841, 0.4417,
0.2345

■ 23.9402, 0.4638,
0.2369

■ 23.1136, 0.4813,
0.2425

Harmonies

Analogous

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



56.5941, 0.2967, 0.2599



56.5941, 0.3465, 0.2840



56.5941, 0.3893, 0.3185

Triad

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



56.5941, 0.3465, 0.2840



56.5941, 0.3690, 0.4152



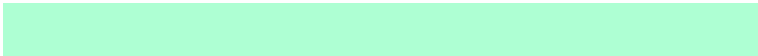
56.5941, 0.2245, 0.2885

Complementary

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



56.5941, 0.3465, 0.2840



85.2164, 0.2890, 0.3791

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.



56.5941, 0.2406, 0.3330



56.5941, 0.3465, 0.2840



56.5941, 0.3226, 0.4125

Square

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



56.5941, 0.3465, 0.2840



56.5941, 0.4016, 0.3930



56.5941, 0.2758, 0.3810



56.5941, 0.2295, 0.2601

Rectangle

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



56.5941, 0.3465, 0.2840



56.5941, 0.4061, 0.3444



56.5941, 0.2758, 0.3810



56.5941, 0.2275, 0.3020

Sweetspot

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



56.5861, 0.3465, 0.2840



84.0688, 0.3213, 0.3155



51.2485, 0.2818, 0.2412



17.5517, 0.3227, 0.3135



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.



56.5861, 0.3465, 0.2840



50.4401, 0.3555, 0.2750



54.7381, 0.3824, 0.3249



18.1523, 0.3209, 0.3161



12.1079, 0.4779, 0.2406



1.2010, 0.4550, 0.2280

Inverse Universe

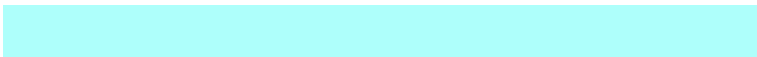
The Inverse Universe completely reimagines the original color for something new.



56.5861, 0.3465, 0.2840



50.4401, 0.3555, 0.2750



87.4777, 0.2690, 0.3333



18.1523, 0.3209, 0.3161



12.1079, 0.4779, 0.2406



1.2010, 0.4550, 0.2280

Previews

White Background



This preview shows how the Yxy color 56.5941, 0.3465, 0.2840 looks on a white background.

Color Contrast Check

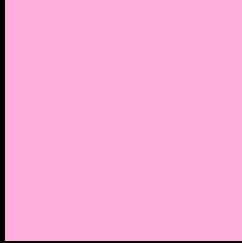
Large Text (above 18pt) WCAG AA × Fail

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 56.5941, 0.3465, 0.2840 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 56.5941, 0.3465, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 56.5941, 0.3465, 0.2840.



This preview shows how white text looks on a background with the Yxy color 56.5941, 0.3465, 0.2840.

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

56.5941, 0.3465, 0.2840

Protanopia

57.0222, 0.2841, 0.2872

Deuteranopia

56.8951, 0.3107, 0.3038



Tritanopia

56.7414, 0.3657, 0.3154

Trichromacy



Original Color

56.5941, 0.3465, 0.2840



Protanomaly

56.4437, 0.3045, 0.2854



Deuteranomaly

56.4066, 0.3233, 0.2959



Tritanomaly

56.5440, 0.3591, 0.3040

Monochromacy



Original Color

56.5941, 0.3465, 0.2840



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

57.7829, 0.3249, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5941, 0.3465, 0.2840 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(255, 174, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 218)  
}
```

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(255, 174, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 218) }
```

Border

The CSS property to change the border of an element to Yxy 56.5941, 0.3465, 0.2840 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(255, 174, 218) }
```

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

```
.border{ border-color:rgb(255, 174, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5941, 0.3465, 0.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 218) }
```

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

```
.background{ background-color: rgb(255,  
174, 218) }
```

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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