

Converting Colors

$Y_{xy}(42.7803, 0.3666, 0.2742)$

Have a look what the booklet for
Yxy(42.7803, 0.3666, 0.2742)
contains.

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Color

Yxy(42.6535, 0.3658, 0.2734)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F58EC2 |
| RGB | 245, 142, 194 |
| RGB Percent | 96%, 56%, 76% |
| CMY | 0.0392, 0.4431, 0.2390 |
| CMYK | 0.00, 0.42, 0.21, 0.04 |
| HSL | 330°, 84%, 76% |
| HSV | 330°, 42%, 96% |
| XYZ | 57.0689, 42.6535, 56.2889 |
| YIQ | 178.7250, 44.6960, 38.0080 |

Conversions

Conversions Part 2

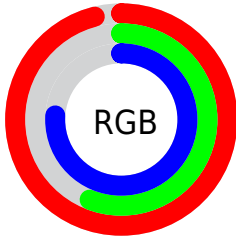
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 245, 142, 194 |
| Decimal | 16092866 |
| CIE Lab | 71.32, 45.44, -9.97 |
| CIE LCh | 71, 46.521, 347.631 |
| Yxy | 42.6535, 0.3658, 0.2734 |
| Android (android.graphics.Color) | 4294282946 (0xFFFF58EC2) |
| YUV | 178.7250, 7.5306, 58.1232 |
| Hunter-Lab | 65.3096, 41.6852, -5.3839 |

Details

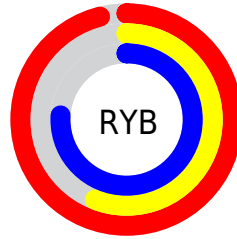
The Yxy color **42.6535, 0.3658, 0.2734** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **74.9007, 0.2806, 0.3934**, and the grayscale version is **44.8688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0946, 0.3189, 0.2768**, and **19.6030, 0.3816, 0.2597** is the 20% darker color. If you saturate the color by 10%, you get **35.6261, 0.3848, 0.2611**, and if you desaturate by 10%, it is **51.3314, 0.3494, 0.2868**.

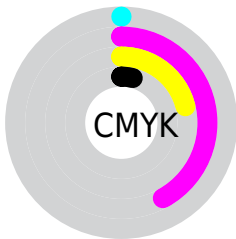
Distribution



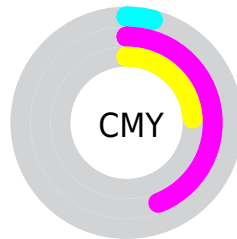
- Red (96%)
- Green (56%)
- Blue (76%)



- Red (96%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (42%)
- Yellow (21%)
- Black (4%)





- Cyan (4%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6535, 0.3658, 0.2734 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 42.6535, 0.3658, 0.2734 by changing the saturation by 10% instead.


 42.6535, 0.3658,
0.2734

 42.6535, 0.3658,
0.2734


357.1848, 0.3395,
0.3004

 29.6133, 0.3723,
0.2669


 79.1877, 0.3563,
0.2830

 19.5453, 0.3805,
0.2588


 103.4506, 0.3527,
0.2867

 12.0649, 0.3914,
0.2481


132.2231, 0.3497,
0.2898

 6.7879, 0.4064,
0.2338

165.8897, 0.3471,
0.2925

 3.3298, 0.4282,
0.2136

204.8348, 0.3448,
0.2949

 1.3063, 0.4628,
0.1829

249.4427, 0.3428,

 0.1460, 0.5680,

0.2969

0.0630

300.0980, 0.3411,
0.2987

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.6535, 0.3658,
0.2734

42.6535, 0.3658,
0.2734

35.6261, 0.3848,
0.2611

51.3314, 0.3494,
0.2868

30.1358, 0.4063,
0.2509

61.7510, 0.3356,
0.3004

26.0648, 0.4298,
0.2441

74.0043, 0.3240,
0.3138

23.2750, 0.4544,
0.2420

88.1748, 0.3145,
0.3265

■ 21.6002, 0.4788,
0.2453

■ 98.1286, 0.3068,
0.3293

■ 20.8614, 0.4974,
0.2514

■ 98.1514, 0.3066,
0.3290

Harmonies

Analogous

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



42.6535, 0.2973, 0.2406



42.6535, 0.3658, 0.2734



42.6535, 0.4230, 0.3186

Triad

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



42.6535, 0.3658, 0.2734



42.6535, 0.3801, 0.4484



42.6535, 0.1953, 0.2667

Complementary

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



42.6535, 0.3658, 0.2734



74.9007, 0.2806, 0.3934

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.



42.6535, 0.2121, 0.3250



42.6535, 0.3658, 0.2734



42.6535, 0.3164, 0.4437

Square

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



42.6535, 0.3658, 0.2734



42.6535, 0.4286, 0.4169



42.6535, 0.2551, 0.3948



42.6535, 0.2049, 0.2337

Rectangle

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



42.6535, 0.3658, 0.2734



42.6535, 0.4430, 0.3522



42.6535, 0.2551, 0.3948



42.6535, 0.1979, 0.2836

Sweetspot

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



42.6555, 0.3658, 0.2734



79.6313, 0.3251, 0.3125



37.1174, 0.2718, 0.2109



16.3807, 0.3275, 0.3096



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.



42.6555, 0.3658, 0.2734



40.3706, 0.3809, 0.2633



40.7636, 0.4204, 0.3275



16.6222, 0.3214, 0.3171



11.2671, 0.4938, 0.2494



1.0110, 0.4662, 0.2342

Inverse Universe

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



42.6555, 0.3658, 0.2734



40.3706, 0.3809, 0.2633



77.5403, 0.2561, 0.3308



16.6222, 0.3214, 0.3171



11.2671, 0.4938, 0.2494



1.0110, 0.4662, 0.2342

Previews

White Background



This preview shows how the Yxy color 42.6535, 0.3658, 0.2734 looks on a white background.

Color Contrast Check

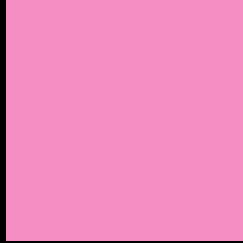
Large Text (above 18pt) WCAG AA × Fail

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 42.6535, 0.3658, 0.2734 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 42.6535, 0.3658, 0.2734

Background



This preview shows how black text looks on a background with the Yxy color 42.6535, 0.3658, 0.2734.



This preview shows how white text looks on a background with the Yxy color 42.6535, 0.3658, 0.2734.

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

42.6535, 0.3658, 0.2734

Protanopia

42.9004, 0.2750, 0.2748

Deuteranopia

42.8627, 0.3112, 0.3045



Tritanopia

42.7337, 0.3959, 0.3170

Trichromacy



Original Color

42.6535, 0.3658, 0.2734



Protanomaly

41.9478, 0.3045, 0.2736



Deuteranomaly

42.1686, 0.3295, 0.2912



Tritanomaly

42.4136, 0.3851, 0.3006

Monochromacy



Original Color

42.6535, 0.3658, 0.2734



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.4296, 0.3313, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6535, 0.3658, 0.2734 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(245, 142, 194)` looks like.

```
.text, #text, p{  
    color:rgb(245, 142, 194)  
}
```

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(245, 142, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 142, 194) }
```

Border

The CSS property to change the border of an element to Yxy 42.6535, 0.3658, 0.2734 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(245, 142, 194) }
```

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

```
.border{ border-color:rgb(245, 142, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 142, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 142, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 142, 194);  
box-shadow:4px 4px 4px 4px rgb(245, 142,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6535, 0.3658, 0.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 142, 194) }
```

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

```
.background{ background-color: rgb(245,  
142, 194) }
```

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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