

Converting Colors

$Y_{xy}(29.5233, 0.4335, 0.2680)$

Have a look what the booklet for
Yxy(29.5233, 0.4335, 0.2680)
contains.

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Color

Yxy(29.5233, 0.4335, 0.2680)

Conversions

Conversions Part 1

Format	Color
Hex	F75B98
RGB	247, 91, 152
RGB Percent	97%, 36%, 60%
CMY	0.0315, 0.6429, 0.4040
CMYK	0.00, 0.63, 0.38, 0.03
HSL	337°, 91%, 66%
HSV	337°, 63%, 97%
XYZ	47.7550, 29.5233, 32.8832
YIQ	144.5980, 73.3950, 52.0430

Conversions

Conversions Part 2

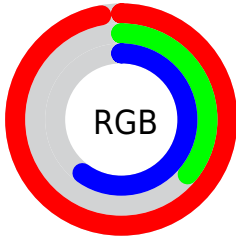
Format	Color
R _{YB}	247, 91, 152
Decimal	16210840
CIE Lab	61.24, 64.56, -1.01
CIE LCh	61, 64.568, 359.103
Yxy	29.5233, 0.4335, 0.2680
Android (android.graphics.Color)	4294400920 (0xFF75B98)
YUV	144.5980, 3.6492, 89.8066
Hunter-Lab	54.3353, 61.7958, 2.1530

Details

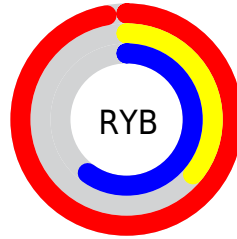
The Yxy color **29.5233, 0.4335, 0.2680** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **72.2696, 0.2628, 0.4091**, and the grayscale version is **28.1139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8960, 0.3619, 0.2695**, and **11.9915, 0.4741, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **25.5098, 0.4643, 0.2642**, and if you desaturate by 10%, it is **34.9913, 0.4054, 0.2752**.

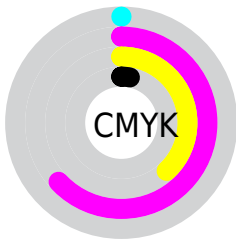
Distribution



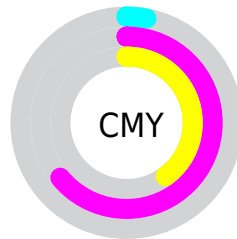
- Red (97%)
- Green (36%)
- Blue (60%)



- Red (97%)
- Yellow (36%)
- Blue (60%)



- Cyan (0%)
- Magenta (63%)
- Yellow (38%)
- Black (3%)





- Cyan (3%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5233, 0.4335, 0.2680 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 29.5233, 0.4335, 0.2680 by changing the saturation by 10% instead.


 29.5233, 0.4335,
0.2680


 29.5233, 0.4335,
0.2680


299.6761, 0.3692,
0.3003


 19.4770, 0.4507,
0.2594


 58.9075, 0.4093,
0.2802


 12.0155, 0.4735,
0.2480


 79.0142, 0.4004,
0.2846

 6.7542, 0.5048,
0.2325


 103.2432, 0.3930,
0.2883

 3.3089, 0.5503,
0.2100

 131.9789, 0.3868,
0.2914

 1.2950, 0.6209,
0.1755

165.6056, 0.3815,
0.2941

 0.1374, 0.8506,
0.0574

204.5078, 0.3768,

 0.0000, 1.0000,

0.2965

0.0000

249.0698, 0.3728,
0.2985

■ 0.0000, 0.0000,
0.0000

■ 29.5233, 0.4335,
0.2680

■ 29.5233, 0.4335,
0.2680

■ 25.5098, 0.4643,
0.2642

■ 34.9913, 0.4054,
0.2752

■ 22.8016, 0.4961,
0.2651

■ 42.0341, 0.3807,
0.2846


■ 21.2252, 0.5266,
0.2714


■ 50.7650, 0.3597,
0.2950

■ 20.6210, 0.5460,
0.2781

■ 61.2852, 0.3422,
0.3056

■ 73.6880, 0.3278,
0.3161

 88.0602, 0.3160,
0.3260

 98.5067, 0.3078,
0.3290

Harmonies

Analogous

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



29.5233, 0.3258, 0.2160



29.5233, 0.4335, 0.2680



29.5233, 0.5057, 0.3327

Triad

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



29.5233, 0.4335, 0.2680



29.5233, 0.3688, 0.5223



29.5233, 0.1450, 0.2090

Complementary

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



29.5233, 0.4335, 0.2680



72.2696, 0.2628, 0.4091

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.



29.5233, 0.1513, 0.2778



29.5233, 0.4335, 0.2680



29.5233, 0.2737, 0.4971

Square

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



29.5233, 0.4335, 0.2680



29.5233, 0.4550, 0.4744



29.5233, 0.1943, 0.3903



29.5233, 0.1711, 0.1816

Rectangle

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



29.5233, 0.4335, 0.2680



29.5233, 0.5158, 0.3792



29.5233, 0.1943, 0.3903



29.5233, 0.1434, 0.2267

Sweetspot

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



29.5249, 0.4335, 0.2680



71.1308, 0.3360, 0.3100



24.4686, 0.2601, 0.1574



14.4366, 0.3403, 0.3069



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.



29.5249, 0.4335, 0.2680



26.4235, 0.4738, 0.2640



30.9644, 0.5056, 0.3444



16.5898, 0.3232, 0.3198



10.9357, 0.5417, 0.2758



0.9807, 0.5082, 0.2573

Inverse Universe

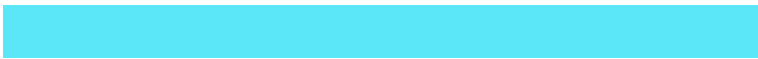
The Inverse Universe completely reimagines the original color for something new.



29.5249, 0.4335, 0.2680



26.4235, 0.4738, 0.2640



66.2982, 0.2324, 0.3095



16.5898, 0.3232, 0.3198



10.9357, 0.5417, 0.2758



0.9807, 0.5082, 0.2573

Previews

White Background



This preview shows how the Yxy color 29.5233, 0.4335, 0.2680 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5233, 0.4335, 0.2680 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 × Fail

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

Yxy 29.5233, 0.4335, 0.2680

Background



This preview shows how black text looks on a background with the Yxy color 29.5233, 0.4335, 0.2680.



This preview shows how white text looks on a background with the Yxy color 29.5233, 0.4335, 0.2680.

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

29.5233, 0.4335, 0.2680

Protanopia

29.8586, 0.2694, 0.2691

Deuteranopia

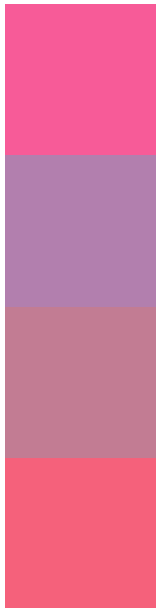
29.5511, 0.3344, 0.3276



Tritanopia

29.6020, 0.4877, 0.3236

Trichromacy



Original Color

29.5233, 0.4335, 0.2680

Protanomaly

27.6997, 0.3202, 0.2640

Deuteranomaly

27.9912, 0.3698, 0.2981

Tritanomaly

29.3919, 0.4696, 0.3033

Monochromacy



Original Color

29.5233, 0.4335, 0.2680

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

26.7504, 0.3544, 0.2965

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5233, 0.4335, 0.2680 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(247, 91, 152)` looks like.

```
.text, #text, p{  
  color:rgb(247, 91, 152)  
}
```

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(247, 91, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 91, 152) }
```

Border

The CSS property to change the border of an element to Yxy 29.5233, 0.4335, 0.2680 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(247, 91, 152) }
```

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

```
.border{ border-color:rgb(247, 91, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 91, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 91, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 91, 152);  
box-shadow:4px 4px 4px 4px rgb(247, 91,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5233, 0.4335, 0.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 91, 152) }
```

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

```
.background{ background-color: rgb(247, 91,  
152) }
```

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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