

Converting Colors

$Y_{xy}(29.0110, 0.4235, 0.2683)$

Have a look what the booklet for
Yxy(29.0110, 0.4235, 0.2683)
contains.

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Color

Yxy(29.0096, 0.4234, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	F05F99
RGB	240, 95, 153
RGB Percent	94%, 37%, 60%
CMY	0.0588, 0.6274, 0.3999
CMYK	0.00, 0.60, 0.36, 0.06
HSL	336°, 83%, 66%
HSV	336°, 60%, 94%
XYZ	45.7796, 29.0096, 33.3345
YIQ	144.9670, 67.8020, 48.7780

Conversions

Conversions Part 2

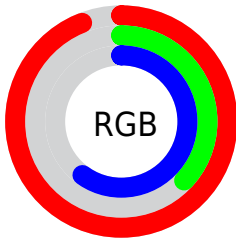
Format	Color
R _Y B	240, 95, 153
Decimal	15753113
CIE Lab	60.79, 60.94, -2.40
CIE LCh	61, 60.991, 357.746
Yxy	29.0096, 0.4234, 0.2683
Android (android.graphics.Color)	4293943193 (0xFFFF05F99)
YUV	144.9670, 3.9603, 83.3439
Hunter-Lab	53.8606, 57.4628, 1.0075

Details

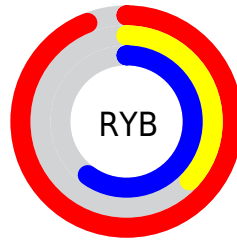
The Yxy color **29.0096, 0.4234, 0.2683** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **68.1314, 0.2646, 0.4067**, and the grayscale version is **28.2654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2215, 0.3602, 0.2725**, and **11.7503, 0.4611, 0.2489** is the 20% darker color. If you saturate the color by 10%, you get **24.8856, 0.4530, 0.2632**, and if you desaturate by 10%, it is **34.5254, 0.3967, 0.2764**.

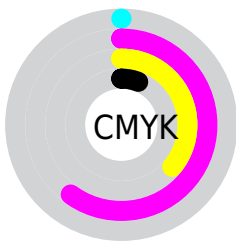
Distribution



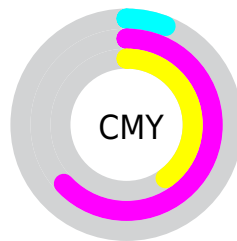
- Red (94%)
- Green (37%)
- Blue (60%)



- Red (94%)
- Yellow (37%)
- Blue (60%)



- Cyan (0%)
- Magenta (60%)
- Yellow (36%)
- Black (6%)



- Cyan (6%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0096, 0.4234, 0.2683 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 29.0096, 0.4234, 0.2683 by changing the saturation by 10% instead.


 29.0096, 0.4234,
0.2683


 29.0096, 0.4234,
0.2683


297.2603, 0.3644,
0.3003

 19.0881, 0.4393,
0.2598


 58.0923, 0.4011,
0.2803


 11.7339, 0.4603,
0.2486


 78.0223, 0.3930,
0.2847

 6.5628, 0.4895,
0.2332


 102.0573, 0.3862,
0.2884

 3.1902, 0.5321,
0.2110

 130.5816, 0.3805,
0.2915

 1.2318, 0.5992,
0.1768

163.9797, 0.3756,
0.2942

 0.0875, 0.8372,
0.0406

202.6359, 0.3714,

 0.0000, 1.0000,

0.2965

0.0000

246.9346, 0.3677,
0.2985

0.0000, 0.0000,
0.0000

29.0096, 0.4234,
0.2683

29.0096, 0.4234,
0.2683

24.8856, 0.4530,
0.2632

34.5254, 0.3967,
0.2764

22.0200, 0.4841,
0.2625

41.5410, 0.3736,
0.2864


20.2608, 0.5147,
0.2671

50.1592, 0.3540,
0.2972


19.3711, 0.5418,
0.2758

60.4719, 0.3376,
0.3081

72.5645, 0.3242,
0.3186

 86.5162, 0.3131,
0.3286

 97.1887, 0.3042,
0.3301

 97.2658, 0.3035,
0.3290

Harmonies

Analogous

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



29.0096, 0.3209, 0.2187



29.0096, 0.4234, 0.2683



29.0096, 0.4946, 0.3308

Triad

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



29.0096, 0.4234, 0.2683



29.0096, 0.3720, 0.5122



29.0096, 0.1509, 0.2165

Complementary

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



29.0096, 0.4234, 0.2683



68.1314, 0.2646, 0.4067

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.



29.0096, 0.1589, 0.2851



29.0096, 0.4234, 0.2683



29.0096, 0.2804, 0.4905

Square

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



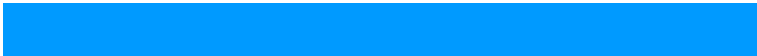
29.0096, 0.4234, 0.2683



29.0096, 0.4534, 0.4668



29.0096, 0.2027, 0.3926



29.0096, 0.1748, 0.1879

Rectangle

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



29.0096, 0.4234, 0.2683



29.0096, 0.5071, 0.3758



29.0096, 0.2027, 0.3926



29.0096, 0.1499, 0.2345

Sweetspot

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



29.0111, 0.4234, 0.2683



72.4819, 0.3342, 0.3106



24.1296, 0.2609, 0.1633



14.7002, 0.3385, 0.3075



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.



29.0111, 0.4234, 0.2683



27.4913, 0.4617, 0.2625



29.8850, 0.4947, 0.3417



15.8637, 0.3230, 0.3196



10.6283, 0.5376, 0.2735



0.9033, 0.5028, 0.2544

Inverse Universe

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



29.0111, 0.4234, 0.2683



27.4913, 0.4617, 0.2625



64.1669, 0.2354, 0.3136



15.8637, 0.3230, 0.3196



10.6283, 0.5376, 0.2735



0.9033, 0.5028, 0.2544

Previews

White Background



This preview shows how the Yxy color 29.0096, 0.4234, 0.2683 looks on a white background.

Color Contrast Check

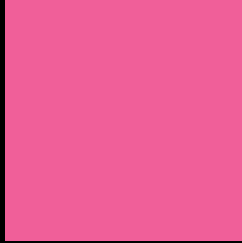
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0096, 0.4234, 0.2683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

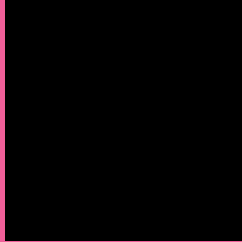
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0096, 0.4234, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 29.0096, 0.4234, 0.2683.



This preview shows how white text looks on a background with the Yxy color 29.0096, 0.4234, 0.2683.

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

29.0096, 0.4234, 0.2683

Protanopia

29.3789, 0.2699, 0.2701

Deuteranopia

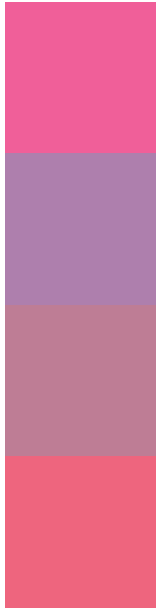
29.1027, 0.3303, 0.3230



Tritanopia

29.0529, 0.4739, 0.3221

Trichromacy



Original Color

29.0096, 0.4234, 0.2683

Protanomaly

27.1945, 0.3169, 0.2644

Deuteranomaly

27.7843, 0.3625, 0.2963

Tritanomaly

28.9909, 0.4564, 0.3029

Monochromacy



Original Color

29.0096, 0.4234, 0.2683

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.0202, 0.3515, 0.2991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0096, 0.4234, 0.2683 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(240, 95, 153)` looks like.

```
.text, #text, p{  
    color:rgb(240, 95, 153)  
}
```

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(240, 95, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 95, 153) }
```

Border

The CSS property to change the border of an element to Yxy 29.0096, 0.4234, 0.2683 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(240, 95, 153) }
```

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

```
.border{ border-color:rgb(240, 95, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 95, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 95, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 95, 153);  
box-shadow:4px 4px 4px 4px rgb(240, 95,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0096, 0.4234, 0.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 95, 153) }
```

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

```
.background{ background-color: rgb(240, 95,  
153) }
```

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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