

Converting Colors

$Y_{xy}(29.7372, 0.3893, 0.2292)$

Have a look what the booklet for
Yxy(29.7372, 0.3893, 0.2292)
contains.

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Color

Yxy(29.6600, 0.3889, 0.2289)

Conversions

Conversions Part 1

Format	Color
Hex	F754BA
RGB	247, 84, 186
RGB Percent	97%, 33%, 73%
CMY	0.0314, 0.6706, 0.2706
CMYK	0.00, 0.66, 0.25, 0.03
HSL	322°, 91%, 65%
HSV	322°, 66%, 97%
XYZ	50.3922, 29.6600, 49.5240
YIQ	144.3650, 64.4060, 66.2780

Conversions

Conversions Part 2

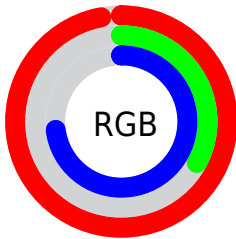
Format	Color
RYB	247, 84, 186
Decimal	16209082
CIELab	61.36, 71.23, -20.43
CIElCh	61, 74.105, 343.997
Yxy	29.6600, 0.3889, 0.2289
Android (android.graphics.Color)	4294399162 (0xFFFF754BA)
YUV	144.3650, 20.5261, 90.0109
Hunter-Lab	54.4610, 69.8575, -15.7926

Details

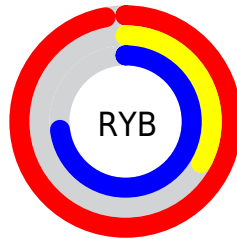
The Yxy color **29.6600, 0.3889, 0.2289** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **70.4538, 0.2790, 0.4676**, and the grayscale version is **27.9420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3157, 0.3289, 0.2319**, and **12.2583, 0.4105, 0.2035** is the 20% darker color. If you saturate the color by 10%, you get **26.0989, 0.4057, 0.2213**, and if you desaturate by 10%, it is **34.6006, 0.3730, 0.2404**.

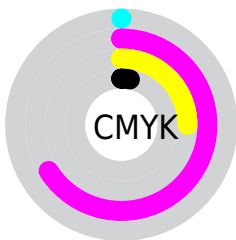
Distribution



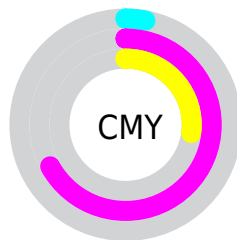
- Red (97%)
- Green (33%)
- Blue (73%)



- Red (97%)
- Yellow (33%)
- Blue (73%)



- Cyan (0%)
- Magenta (66%)
- Yellow (25%)
- Black (3%)




- Cyan (3%)
- Magenta (67%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6600, 0.3889, 0.2289 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 29.6600, 0.3889, 0.2289 by changing the saturation by 10% instead.

 29.6600, 0.3889,
0.2289


 29.6600, 0.3889,
0.2289


300.3164, 0.3504,
0.2780


 19.5807, 0.3985,
0.2171


 59.1241, 0.3749,
0.2464

 12.0906, 0.4109,
0.2023


 79.2776, 0.3696,
0.2531

 6.8054, 0.4272,
0.1831


 103.5580, 0.3652,
0.2588

 3.3407, 0.4498,
0.1577

 132.3496, 0.3614,
0.2637

 1.3121, 0.4826,
0.1230

166.0368, 0.3581,
0.2679

 0.1505, 0.5564,
0.0354

205.0041, 0.3552,

 0.0000, 0.6820,

0.2717

0.0000

249.6359, 0.3527,
0.2750

0.0000, 0.0000,
0.0000

29.6600, 0.3889,
0.2289

29.6600, 0.3889,
0.2289

26.0989, 0.4057,
0.2213

34.6006, 0.3730,
0.2404

23.7629, 0.4229,
0.2186

41.0444, 0.3585,
0.2547


22.4679, 0.4397,
0.2212


49.1062, 0.3456,
0.2707


22.1269, 0.4463,
0.2232

58.8885, 0.3345,
0.2873

70.4853, 0.3249,
0.3038

 83.9835, 0.3169,
0.3198

 98.2418, 0.3102,
0.3331

 98.5150, 0.3078,
0.3290

Harmonies

Analogous

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



29.6600, 0.2684, 0.1836



29.6600, 0.3889, 0.2289



29.6600, 0.5002, 0.2929

Triad

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



29.6600, 0.3889, 0.2289



29.6600, 0.4212, 0.5230



29.6600, 0.1263, 0.2241

Complementary

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



29.6600, 0.3889, 0.2289



70.4538, 0.2790, 0.4676

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.



29.6600, 0.1505, 0.3281



29.6600, 0.3889, 0.2289



29.6600, 0.3175, 0.5524

Square

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



29.6600, 0.3889, 0.2289



29.6600, 0.5058, 0.4452



29.6600, 0.2177, 0.4709



29.6600, 0.1375, 0.1749

Rectangle

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



29.6600, 0.3889, 0.2289



29.6600, 0.5378, 0.3407



29.6600, 0.2177, 0.4709



29.6600, 0.1300, 0.2521

Sweetspot

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



29.6615, 0.3889, 0.2289



70.4968, 0.3286, 0.2971



18.9657, 0.2238, 0.1351



14.3435, 0.3313, 0.2925



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.



29.6615, 0.3889, 0.2289



27.1360, 0.4111, 0.2199



27.1514, 0.5028, 0.3094



16.6570, 0.3195, 0.3143



11.7301, 0.4436, 0.2218



1.0508, 0.4241, 0.2110

Inverse Universe

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



29.6615, 0.3889, 0.2289



27.1360, 0.4111, 0.2199



73.8603, 0.2437, 0.3561



16.6570, 0.3195, 0.3143



11.7301, 0.4436, 0.2218



1.0508, 0.4241, 0.2110

Previews

White Background



This preview shows how the Yxy color 29.6600, 0.3889, 0.2289 looks on a white background.

Color Contrast Check

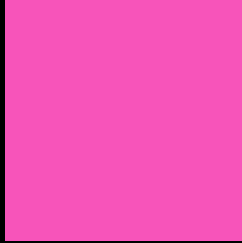
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6600, 0.3889, 0.2289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

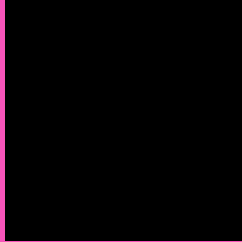
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6600, 0.3889, 0.2289

Background



This preview shows how black text looks on a background with the Yxy color 29.6600, 0.3889, 0.2289.



This preview shows how white text looks on a background with the Yxy color 29.6600, 0.3889, 0.2289.

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

29.6600, 0.3889, 0.2289

Protanopia

30.1659, 0.2253, 0.2112

Deuteranopia

29.8147, 0.2873, 0.2812



Tritanopia

29.7491, 0.4777, 0.3223

Trichromacy



Original Color

29.6600, 0.3889, 0.2289



Protanomaly

26.9647, 0.2681, 0.2086



Deuteranomaly

27.7755, 0.3218, 0.2530



Tritanomaly

29.4391, 0.4467, 0.2870

Monochromacy



Original Color

29.6600, 0.3889, 0.2289



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.2460, 0.3409, 0.2772

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6600, 0.3889, 0.2289 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, 84, 186)` looks like.

```
.text, #text, p{  
    color:rgb(247, 84, 186)  
}
```

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, 84, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 84, 186) }
```

Border

The CSS property to change the border of an element to Yxy 29.6600, 0.3889, 0.2289 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, 84, 186) }
```

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

```
.border{ border-color:rgb(247, 84, 186) }
```

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

Here you see how a box with a 4 pixel rgb(247, 84, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 84, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 84, 186);  
box-shadow:4px 4px 4px 4px rgb(247, 84,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6600, 0.3889, 0.2289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 84, 186) }
```

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

```
.background{ background-color: rgb(247, 84,  
186) }
```

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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