

Converting Colors

$Y_{xy}(29.1589, 0.3963, 0.2201)$

Have a look what the booklet for
Yxy(29.1589, 0.3963, 0.2201)
contains.

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Color

Yxy(29.1904, 0.3959, 0.2199)

Conversions

Conversions Part 1

Format	Color
Hex	FF45BD
RGB	255, 69, 189
RGB Percent	100%, 27%, 74%
CMY	0.0000, 0.7294, 0.2589
CMYK	0.00, 0.73, 0.26, 0.00
HSL	321°, 100%, 64%
HSV	321°, 73%, 100%
XYZ	52.5533, 29.1904, 51.0002
YIQ	138.2940, 72.3360, 76.7520

Conversions

Conversions Part 2

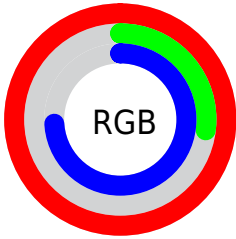
Format	Color
R _Y B	255, 69, 189
Decimal	16729533
CIE Lab	60.95, 78.71, -22.65
CIE LCh	61, 81.901, 343.944
Yxy	29.1904, 0.3959, 0.2199
Android (android.graphics.Color)	4294919613 (0xFFFF45BD)
YUV	138.2940, 24.9981, 102.3512
Hunter-Lab	54.0281, 79.0783, -18.1475

Details

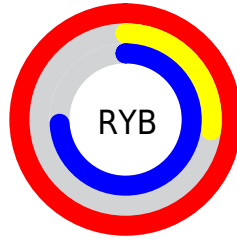
The Yxy color **29.1904, 0.3959, 0.2199** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **74.5356, 0.2798, 0.4897**, and the grayscale version is **25.4171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3551, 0.3269, 0.2198**, and **13.2186, 0.4165, 0.2068** is the 20% darker color. If you saturate the color by 10%, you get **26.3177, 0.4119, 0.2153**, and if you desaturate by 10%, it is **33.4354, 0.3803, 0.2292**.

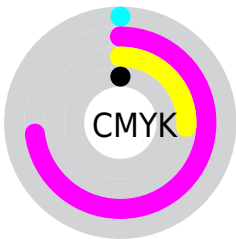
Distribution



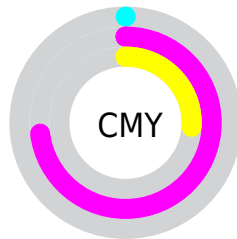
- Red (100%)
- Green (27%)
- Blue (74%)



- Red (100%)
- Yellow (27%)
- Blue (74%)



- Cyan (0%)
- Magenta (73%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.1904, 0.3959, 0.2199 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 29.1904, 0.3959, 0.2199 by changing the saturation by 10% instead.


 29.1904, 0.3959,
0.2199


 29.1904, 0.3959,
0.2199


298.1123, 0.3541,
0.2729

 19.2249, 0.4063,
0.2073


 58.3795, 0.3807,
0.2387


 11.8329, 0.4195,
0.1916


 78.3718, 0.3750,
0.2459

 6.6300, 0.4369,
0.1715


 102.4752, 0.3702,
0.2521

 3.2318, 0.4607,
0.1453

 131.0741, 0.3661,
0.2574

 1.2539, 0.4947,
0.1102

164.5529, 0.3625,
0.2620

 0.1051, 0.5700,
0.0225


203.2959, 0.3594,


 0.0000, 0.6644,


0.2661

0.0000

247.6876, 0.3566,
0.2697


 0.0000, 0.0000,
0.0000

 29.1904, 0.3959,
0.2199


 29.1904, 0.3959,
0.2199


 26.3177, 0.4119,
0.2153

 33.4354, 0.3803,
0.2292


 24.6288, 0.4277,
0.2159

 39.2047, 0.3657,
0.2421

 23.9581, 0.4386,
0.2190

 46.6322, 0.3524,
0.2574

 55.8364, 0.3407,
0.2740

 66.9249, 0.3306,
0.2912

 79.9968, 0.3219,
0.3081

 95.1442, 0.3146,
0.3244

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



29.1904, 0.2630, 0.1721



29.1904, 0.3959, 0.2199



29.1904, 0.5200, 0.2872

Triad

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



29.1904, 0.3959, 0.2199



29.1904, 0.4249, 0.5374



29.1904, 0.1124, 0.2127

Complementary

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



29.1904, 0.3959, 0.2199



74.5356, 0.2798, 0.4897

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.



29.1904, 0.1362, 0.3259



29.1904, 0.3959, 0.2199



29.1904, 0.3131, 0.5789

Square

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



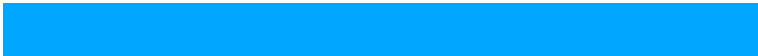
29.1904, 0.3959, 0.2199



29.1904, 0.5192, 0.4480



29.1904, 0.2064, 0.4896



29.1904, 0.1245, 0.1620

Rectangle

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



29.1904, 0.3959, 0.2199



29.1904, 0.5600, 0.3368



29.1904, 0.2064, 0.4896



29.1904, 0.1158, 0.2424

Sweetspot

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



29.1910, 0.3959, 0.2199



68.0641, 0.3297, 0.2928



16.5547, 0.2103, 0.1159



13.8731, 0.3323, 0.2881



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.



29.1910, 0.3959, 0.2199



25.3282, 0.4200, 0.2149



26.3789, 0.5301, 0.3072



18.1845, 0.3193, 0.3138



12.5481, 0.4362, 0.2177



1.2426, 0.4195, 0.2085

Inverse Universe

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



29.1910, 0.3959, 0.2199



25.3282, 0.4200, 0.2149



78.3373, 0.2417, 0.3634



18.1845, 0.3193, 0.3138



12.5481, 0.4362, 0.2177



1.2426, 0.4195, 0.2085

Previews

White Background



This preview shows how the Yxy color 29.1904, 0.3959, 0.2199 looks on a white background.

Color Contrast Check

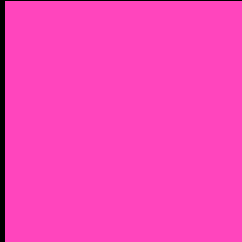
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1904, 0.3959, 0.2199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

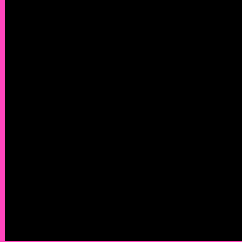
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1904, 0.3959, 0.2199

Background



This preview shows how black text looks on a background with the Yxy color 29.1904, 0.3959, 0.2199.



This preview shows how white text looks on a background with the Yxy color 29.1904, 0.3959, 0.2199.

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

29.1904, 0.3959, 0.2199

Protanopia

29.6036, 0.2117, 0.1932

Deuteranopia

29.3122, 0.2827, 0.2765



Tritanopia

29.0805, 0.5029, 0.3239

Trichromacy



Original Color

29.1904, 0.3959, 0.2199



Protanomaly

25.6324, 0.2562, 0.1906



Deuteranomaly

26.5806, 0.3202, 0.2420



Tritanomaly

28.8583, 0.4666, 0.2844

Monochromacy



Original Color

29.1904, 0.3959, 0.2199



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

24.0683, 0.3449, 0.2674

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1904, 0.3959, 0.2199 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, 69, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 189)  
}
```

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, 69, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 189) }
```

Border

The CSS property to change the border of an element to Yxy 29.1904, 0.3959, 0.2199 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, 69, 189) }
```

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

```
.border{ border-color:rgb(255, 69, 189) }
```

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

Here you see how a box with a 4 pixel rgb(255, 69, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1904, 0.3959, 0.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 189) }
```

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

```
.background{ background-color: rgb(255, 69,  
189) }
```

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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