

Converting Colors

$Y_{xy}(29.1732, 0.4057, 0.2280)$

Have a look what the booklet for
Yxy(29.1732, 0.4057, 0.2280)
contains.

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Color

Yxy(29.1027, 0.4064, 0.2282)

Conversions

Conversions Part 1

Format	Color
Hex	FF47B5
RGB	255, 71, 181
RGB Percent	100%, 28%, 71%
CMY	0.0001, 0.7214, 0.2902
CMYK	0.00, 0.72, 0.29, 0.00
HSL	324°, 100%, 64%
HSV	324°, 72%, 100%
XYZ	51.8288, 29.1027, 46.6000
YIQ	138.5560, 74.3540, 73.2180

Conversions

Conversions Part 2

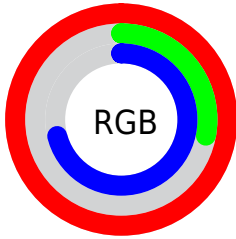
Format	Color
R_{YB}	255, 71, 181
Decimal	16730037
CIE _{Lab}	60.87, 77.14, -18.18
CIE _{LCh}	61, 79.258, 346.738
Yxy	29.1027, 0.4064, 0.2282
Android (android.graphics.Color)	4294920117 (0xFFFF47B5)
YUV	138.5560, 20.9249, 102.1214
Hunter-Lab	53.9469, 77.0845, -13.4526

Details

The Yxy color **29.1027, 0.4064, 0.2282** 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 **74.8954, 0.2763, 0.4760**, and the grayscale version is **25.5427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1495, 0.3341, 0.2272**, and **13.0278, 0.4305, 0.2145** is the 20% darker color. If you saturate the color by 10%, you get **26.1055, 0.4252, 0.2242**, and if you desaturate by 10%, it is **33.4935, 0.3882, 0.2369**.

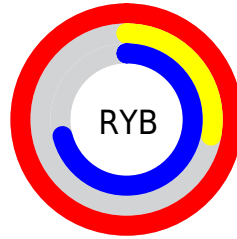
Distribution



Red (100%)

Green (28%)

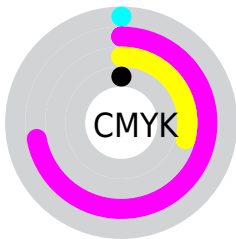
Blue (71%)



Red (100%)

Yellow (28%)

Blue (71%)

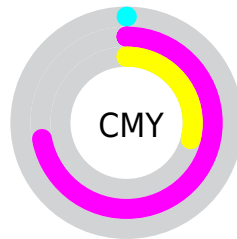


Cyan (0%)

Magenta (72%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (72%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1027, 0.4064, 0.2282 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 29.1027, 0.4064, 0.2282 by changing the saturation by 10% instead.

 29.1027, 0.4064,
0.2282


 29.1027, 0.4064,
0.2282


297.6992, 0.3585,
0.2779

 19.1585, 0.4186,
0.2162


 58.2402, 0.3888,
0.2460


 11.7849, 0.4343,
0.2011


 78.2023, 0.3823,
0.2528

 6.5974, 0.4552,
0.1815


 102.2726, 0.3767,
0.2585

 3.2116, 0.4844,
0.1555

 130.8353, 0.3720,
0.2635

 1.2432, 0.5273,
0.1200

164.2750, 0.3680,
0.2678

 0.0966, 0.6252,
0.0236

202.9759, 0.3644,

 0.0000, 0.8441,

0.2715

0.0000

247.3225, 0.3613,
0.2749

0.0000, 0.0000,
0.0000

29.1027, 0.4064,
0.2282

29.1027, 0.4064,
0.2282

26.1055, 0.4252,
0.2242

33.4935, 0.3882,
0.2369

24.3137, 0.4439,
0.2255

39.4255, 0.3714,
0.2490

23.5378, 0.4582,
0.2298

47.0321, 0.3563,
0.2635

56.4311, 0.3431,
0.2791

67.7296, 0.3318,
0.2951

 81.0261, 0.3223,
0.3108

 96.4125, 0.3142,
0.3259

99.9968, 0.3127,
0.3290

Harmonies

Analogous

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



29.1027, 0.2753, 0.1789



29.1027, 0.4064, 0.2282



29.1027, 0.5217, 0.2957

Triad

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



29.1027, 0.4064, 0.2282



29.1027, 0.4142, 0.5399



29.1027, 0.1163, 0.2094

Complementary

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



29.1027, 0.4064, 0.2282



74.8954, 0.2763, 0.4760

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.



29.1027, 0.1365, 0.3135



29.1027, 0.4064, 0.2282



29.1027, 0.3043, 0.5685

Square

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



29.1027, 0.4064, 0.2282



29.1027, 0.5082, 0.4555



29.1027, 0.2016, 0.4698



29.1027, 0.1312, 0.1636

Rectangle

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



29.1027, 0.4064, 0.2282



29.1027, 0.5552, 0.3452



29.1027, 0.2016, 0.4698



29.1027, 0.1188, 0.2366

Sweetspot

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



29.1042, 0.4064, 0.2282



67.9118, 0.3317, 0.2953



17.7152, 0.2186, 0.1214



13.8370, 0.3346, 0.2910



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.



29.1042, 0.4064, 0.2282



25.1007, 0.4344, 0.2241



26.4967, 0.5389, 0.3151



18.1694, 0.3200, 0.3149



12.3311, 0.4553, 0.2282



1.2223, 0.4358, 0.2174

Inverse Universe

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



29.1042, 0.4064, 0.2282



25.1007, 0.4344, 0.2241



78.9407, 0.2384, 0.3513



18.1694, 0.3200, 0.3149



12.3311, 0.4553, 0.2282



1.2223, 0.4358, 0.2174

Previews

White Background



This preview shows how the Yxy color 29.1027, 0.4064, 0.2282 looks on a white background.

Color Contrast Check

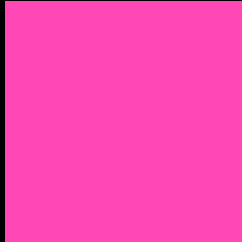
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1027, 0.4064, 0.2282 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 29.1027, 0.4064, 0.2282

Background



This preview shows how black text looks on a background with the Yxy color 29.1027, 0.4064, 0.2282.



This preview shows how white text looks on a background with the Yxy color 29.1027, 0.4064, 0.2282.

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

29.1027, 0.4064, 0.2282

Protanopia

29.3977, 0.2214, 0.2057

Deuteranopia

29.0692, 0.2934, 0.2867



Tritanopia

29.0652, 0.5057, 0.3240

Trichromacy



Original Color

29.1027, 0.4064, 0.2282



Protanomaly

25.6282, 0.2684, 0.2015



Deuteranomaly

26.5091, 0.3312, 0.2520



Tritanomaly

28.7498, 0.4723, 0.2885

Monochromacy



Original Color

29.1027, 0.4064, 0.2282



Achromatopsia

25.8183, 0.3127, 0.3290



Achromatomaly

24.1915, 0.3484, 0.2727

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1027, 0.4064, 0.2282 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, 71, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 181)  
}
```

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, 71, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 181) }
```

Border

The CSS property to change the border of an element to Yxy 29.1027, 0.4064, 0.2282 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, 71, 181) }
```

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

```
.border{ border-color:rgb(255, 71, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 71, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1027, 0.4064, 0.2282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 181) }
```

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

```
.background{ background-color: rgb(255, 71,  
181) }
```

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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