

Converting Colors

Yxy(30.2528, 0.3917, 0.2224)

Have a look what the booklet for
Yxy(30.2528, 0.3917, 0.2224)
contains.

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Color

Yxy(30.1905, 0.3922, 0.2224)

Conversions

Conversions Part 1

Format	Color
Hex	FF4CBF
RGB	255, 76, 191
RGB Percent	100%, 30%, 75%
CMY	0.0000, 0.7022, 0.2509
CMYK	0.00, 0.70, 0.25, 0.00
HSL	321°, 100%, 65%
HSV	321°, 70%, 100%
XYZ	53.2406, 30.1905, 52.3175
YIQ	142.6310, 69.7690, 73.7130

Conversions

Conversions Part 2

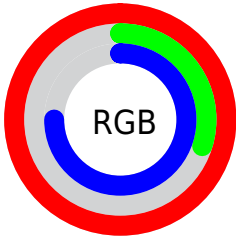
Format	Color
R _Y B	255, 76, 191
Decimal	16731327
CIE Lab	61.82, 76.74, -22.48
CIE LCh	62, 79.966, 343.674
Yxy	30.1905, 0.3922, 0.2224
Android (android.graphics.Color)	4294921407 (0xFFFF4CBF)
YUV	142.6310, 23.8459, 98.5476
Hunter-Lab	54.9459, 76.8049, -17.9917

Details

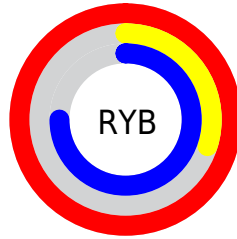
The Yxy color **30.1905, 0.3922, 0.2224** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **74.9461, 0.2797, 0.4824**, and the grayscale version is **27.1840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2143, 0.3239, 0.2225**, and **13.2755, 0.4126, 0.2047** is the 20% darker color. If you saturate the color by 10%, you get **26.9531, 0.4083, 0.2165**, and if you desaturate by 10%, it is **34.8311, 0.3767, 0.2327**.

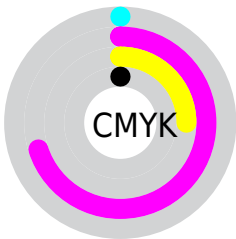
Distribution



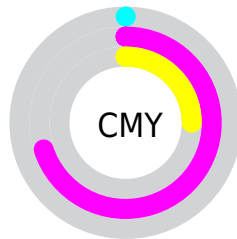
- Red (100%)
- Green (30%)
- Blue (75%)



- Red (100%)
- Yellow (30%)
- Blue (75%)



- Cyan (0%)
- Magenta (70%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1905, 0.3922, 0.2224 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 30.1905, 0.3922, 0.2224 by changing the saturation by 10% instead.

 30.1905, 0.3922,
0.2224


 30.1905, 0.3922,
0.2224


302.7914, 0.3525,
0.2740


 19.9832, 0.4020,
0.2102


 59.9633, 0.3778,
0.2407

 12.3829, 0.4145,
0.1949


 80.2976, 0.3724,
0.2477

 7.0050, 0.4309,
0.1754


 104.7764, 0.3678,
0.2537

 3.4652, 0.4533,
0.1499

 133.7841, 0.3639,
0.2589

 1.3792, 0.4851,
0.1157

167.7051, 0.3605,
0.2634

 0.2013, 0.5502,
0.0402

206.9237, 0.3575,

 0.0000, 0.6363,

0.2674

0.0000

251.8243, 0.3548,
0.2709

0.0000, 0.0000,
0.0000

30.1905, 0.3922,
0.2224

30.1905, 0.3922,
0.2224

26.9531, 0.4083,
0.2165

34.8311, 0.3767,
0.2327

24.9619, 0.4244,
0.2157


41.0412, 0.3623,
0.2463

23.9356, 0.4396,
0.2196

48.9434, 0.3493,
0.2621

58.6529, 0.3380,
0.2789

70.2748, 0.3282,
0.2959

 83.9061, 0.3199,
0.3127

99.6374, 0.3129,
0.3287

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.



30.1905, 0.2637, 0.1757



30.1905, 0.3922, 0.2224



30.1905, 0.5123, 0.2885

Triad

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



30.1905, 0.3922, 0.2224



30.1905, 0.4249, 0.5320



30.1905, 0.1171, 0.2173

Complementary

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



30.1905, 0.3922, 0.2224



74.9461, 0.2797, 0.4824

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.



30.1905, 0.1414, 0.3281



30.1905, 0.3922, 0.2224



30.1905, 0.3158, 0.5699

Square

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



30.1905, 0.3922, 0.2224



30.1905, 0.5155, 0.4464



30.1905, 0.2112, 0.4845



30.1905, 0.1286, 0.1666

Rectangle

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



30.1905, 0.3922, 0.2224



30.1905, 0.5522, 0.3375



30.1905, 0.2112, 0.4845



30.1905, 0.1208, 0.2467

Sweetspot

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



30.1842, 0.3922, 0.2224



69.2915, 0.3289, 0.2946



17.8382, 0.2146, 0.1226



14.1115, 0.3315, 0.2899



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.



30.1842, 0.3922, 0.2224



26.0645, 0.4144, 0.2156



27.3975, 0.5181, 0.3068



18.1837, 0.3193, 0.3138



12.5364, 0.4372, 0.2182



1.2415, 0.4204, 0.2089

Inverse Universe

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



30.1842, 0.3922, 0.2224



26.0645, 0.4144, 0.2156



78.6638, 0.2428, 0.3620



18.1837, 0.3193, 0.3138



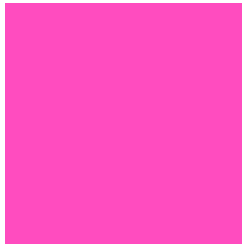
12.5364, 0.4372, 0.2182



1.2415, 0.4204, 0.2089

Previews

White Background



This preview shows how the Yxy color 30.1905, 0.3922, 0.2224 looks on a white background.

Color Contrast Check

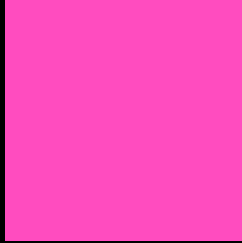
Large Text (above 18pt) WCAG AA × Fail

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 30.1905, 0.3922, 0.2224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

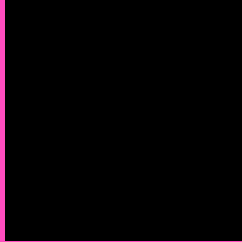
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1905, 0.3922, 0.2224

Background



This preview shows how black text looks on a background with the Yxy color 30.1905, 0.3922, 0.2224.



This preview shows how white text looks on a background with the Yxy color 30.1905, 0.3922, 0.2224.

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

30.1905, 0.3922, 0.2224

Protanopia

30.4689, 0.2163, 0.1987

Deuteranopia

30.1899, 0.2830, 0.2771



Tritanopia

30.1114, 0.4932, 0.3237

Trichromacy



Original Color

30.1905, 0.3922, 0.2224



Protanomaly

26.8975, 0.2594, 0.1964



Deuteranomaly

27.7423, 0.3188, 0.2451



Tritanomaly

29.7975, 0.4587, 0.2845

Monochromacy



Original Color

30.1905, 0.3922, 0.2224



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

25.9221, 0.3437, 0.2724

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1905, 0.3922, 0.2224 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, 76, 191)` looks like.

```
.text, #text, p{  
  color:rgb(255, 76, 191)  
}
```

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, 76, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 191) }
```

Border

The CSS property to change the border of an element to Yxy 30.1905, 0.3922, 0.2224 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, 76, 191) }
```

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

```
.border{ border-color:rgb(255, 76, 191) }
```

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

Here you see how a box with a 4 pixel rgb(255, 76, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1905, 0.3922, 0.2224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 191) }
```

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

```
.background{ background-color: rgb(255, 76,  
191) }
```

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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