

Converting Colors

$Y_{xy}(27.3960, 0.3823, 0.2101)$

Have a look what the booklet for
Yxy(27.3960, 0.3823, 0.2101)
contains.

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Color

Yxy(27.4050, 0.3825, 0.2102)

Conversions

Conversions Part 1

Format	Color
Hex	F741C1
RGB	247, 65, 193
RGB Percent	97%, 25%, 76%
CMY	0.0314, 0.7449, 0.2432
CMYK	0.00, 0.74, 0.22, 0.03
HSL	318°, 92%, 61%
HSV	318°, 74%, 97%
XYZ	49.8688, 27.4050, 53.1021
YIQ	134.0100, 67.3840, 78.3920

Conversions

Conversions Part 2

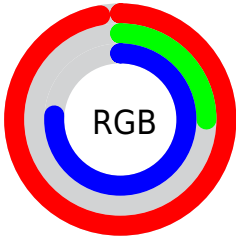
Format	Color
R _Y B	247, 65, 193
Decimal	16204225
CIE Lab	59.35, 78.50, -27.52
CIE LCh	59, 83.184, 340.682
Yxy	27.4050, 0.3825, 0.2102
Android (android.graphics.Color)	4294394305 (0xFFFF741C1)
YUV	134.0100, 29.0821, 99.0922
Hunter-Lab	52.3498, 78.4282, -23.4972

Details

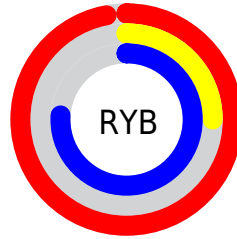
The Yxy color **27.4050, 0.3825, 0.2102** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **68.9725, 0.2841, 0.5054**, and the grayscale version is **23.7228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6005, 0.3227, 0.2125**, and **12.3032, 0.3973, 0.1962** is the 20% darker color. If you saturate the color by 10%, you get **24.8429, 0.3952, 0.2048**, and if you desaturate by 10%, it is **31.2248, 0.3700, 0.2202**.

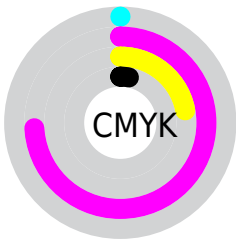
Distribution



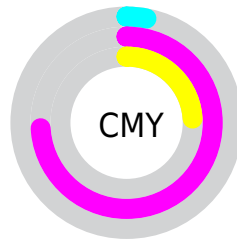
- Red (97%)
- Green (25%)
- Blue (76%)



- Red (97%)
- Yellow (25%)
- Blue (76%)



- Cyan (0%)
- Magenta (74%)
- Yellow (22%)
- Black (3%)





- Cyan (3%)
- Magenta (74%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4050, 0.3825, 0.2102 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 27.4050, 0.3825, 0.2102 by changing the saturation by 10% instead.


 27.4050, 0.3825,
0.2102


 27.4050, 0.3825,
0.2102


289.6127, 0.3481,
0.2677


 17.8776, 0.3908,
0.1967


 55.5331, 0.3702,
0.2305


 10.8622, 0.4013,
0.1799

 74.9026, 0.3655,
0.2383


 5.9742, 0.4149,
0.1585


 98.3216, 0.3615,
0.2450

 2.8294, 0.4330,
0.1309

 126.1744, 0.3581,
0.2508

 1.0433, 0.4578,
0.0949

 158.8456, 0.3551,
0.2558

 0.0000, 0.5181,
0.0000

196.7194, 0.3525,

 0.0000, 0.5542,

0.2602

0.0000

240.1804, 0.3501,
0.2642

■ 0.0000, 0.0000,
0.0000

■ 27.4050, 0.3825,
0.2102

■ 27.4050, 0.3825,
0.2102

■ 24.8429, 0.3952,
0.2048

■ 31.2248, 0.3700,
0.2202

■ 23.3592, 0.4077,
0.2044


■ 36.4417, 0.3580,
0.2340


■ 22.8154, 0.4154,
0.2062


■ 43.1813, 0.3471,
0.2503


■ 51.5537, 0.3372,
0.2682

■ 61.6591, 0.3286,
0.2866

 73.5895, 0.3211,
0.3050

 87.4302, 0.3148,
0.3227

 98.2969, 0.3097,
0.3322

 98.5120, 0.3078,
0.3290

Harmonies

Analogous

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



27.4050, 0.2484, 0.1645



27.4050, 0.3825, 0.2102



27.4050, 0.5164, 0.2771

Triad

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



27.4050, 0.3825, 0.2102



27.4050, 0.4376, 0.5328



27.4050, 0.1081, 0.2175

Complementary

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



27.4050, 0.3825, 0.2102



68.9725, 0.2841, 0.5054

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.



27.4050, 0.1363, 0.3422



27.4050, 0.3825, 0.2102



27.4050, 0.3237, 0.5890

Square

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



27.4050, 0.3825, 0.2102



27.4050, 0.5319, 0.4385



27.4050, 0.2128, 0.5135



27.4050, 0.1171, 0.1607

Rectangle

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



27.4050, 0.3825, 0.2102



27.4050, 0.5645, 0.3269



27.4050, 0.2128, 0.5135



27.4050, 0.1128, 0.2504

Sweetspot

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



27.4064, 0.3825, 0.2102



68.2544, 0.3273, 0.2896



14.2533, 0.2003, 0.1100



13.9183, 0.3295, 0.2846



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.



27.4064, 0.3825, 0.2102



25.8670, 0.4009, 0.2040



24.5659, 0.5150, 0.2958



16.6796, 0.3183, 0.3125



12.0938, 0.4135, 0.2051



1.0809, 0.3990, 0.1972

Inverse Universe

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



27.4064, 0.3825, 0.2102



25.8670, 0.4009, 0.2040



72.1722, 0.2464, 0.3802



16.6796, 0.3183, 0.3125



12.0938, 0.4135, 0.2051



1.0809, 0.3990, 0.1972

Previews

White Background



This preview shows how the Yxy color 27.4050, 0.3825, 0.2102 looks on a white background.

Color Contrast Check

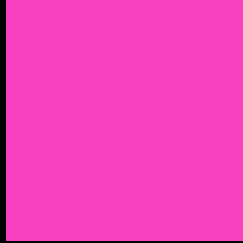
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4050, 0.3825, 0.2102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

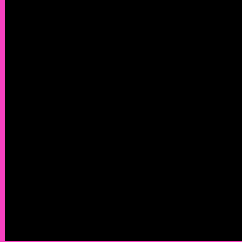
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4050, 0.3825, 0.2102

Background



This preview shows how black text looks on a background with the Yxy color 27.4050, 0.3825, 0.2102.



This preview shows how white text looks on a background with the Yxy color 27.4050, 0.3825, 0.2102.

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

27.4050, 0.3825, 0.2102

Protanopia

28.0598, 0.2020, 0.1807

Deuteranopia

27.4093, 0.2697, 0.2633



Tritanopia

27.2762, 0.4971, 0.3236

Trichromacy



Original Color

27.4050, 0.3825, 0.2102



Protanomaly

23.8757, 0.2412, 0.1770



Deuteranomaly

24.6282, 0.3051, 0.2292



Tritanomaly

26.7850, 0.4575, 0.2784

Monochromacy



Original Color

27.4050, 0.3825, 0.2102



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.4178, 0.3408, 0.2628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4050, 0.3825, 0.2102 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, 65, 193)` looks like.

```
.text, #text, p{  
    color:rgb(247, 65, 193)  
}
```

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, 65, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 65, 193) }
```

Border

The CSS property to change the border of an element to Yxy 27.4050, 0.3825, 0.2102 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, 65, 193) }
```

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

```
.border{ border-color:rgb(247, 65, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 65, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 65, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 65, 193);  
box-shadow:4px 4px 4px 4px rgb(247, 65,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4050, 0.3825, 0.2102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 65, 193) }
```

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

```
.background{ background-color: rgb(247, 65,  
193) }
```

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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