

Converting Colors

Yxy(31.5535, 0.3766, 0.2180)

Have a look what the booklet for
Yxy(31.5535, 0.3766, 0.2180)
contains.

Yxy(31.6285, 0.3772, 0.2186)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.6285, 0.3772, 0.2186)

Conversions

Conversions Part 1

Format	Color
Hex	FE54C9
RGB	254, 84, 201
RGB Percent	100%, 33%, 79%
CMY	0.0041, 0.6704, 0.2118
CMYK	0.00, 0.67, 0.21, 0.00
HSL	319°, 99%, 66%
HSV	319°, 67%, 100%
XYZ	54.5758, 31.6285, 58.4823
YIQ	148.1680, 63.7630, 72.4270

Conversions

Conversions Part 2

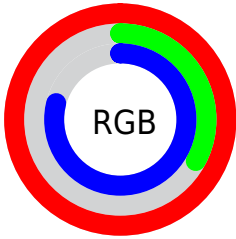
Format	Color
R _{YB}	254, 84, 201
Decimal	16667849
CIE _{Lab}	63.03, 74.92, -26.31
CIE _{LCh}	63, 79.401, 340.651
Y _{xy}	31.6285, 0.3772, 0.2186
Android (android.graphics.Color)	4294857929 (0xFFFE54C9)
Y _{UV}	148.1680, 26.0462, 92.8147
Hunter-Lab	56.2392, 74.8018, -22.2873

Details

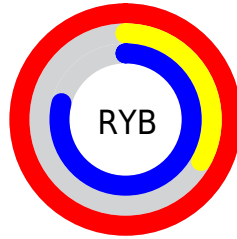
The Yxy color **31.6285, 0.3772, 0.2186** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **74.5560, 0.2833, 0.4843**, and the grayscale version is **29.5659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4265, 0.3177, 0.2221**, and **13.4440, 0.3924, 0.1935** is the 20% darker color. If you saturate the color by 10%, you get **28.0108, 0.3907, 0.2103**, and if you desaturate by 10%, it is **36.6970, 0.3643, 0.2310**.

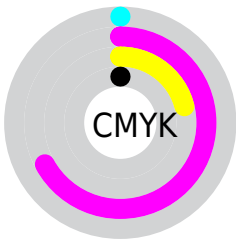
Distribution



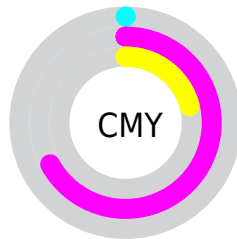
- Red (100%)
- Green (33%)
- Blue (79%)



- Red (100%)
- Yellow (33%)
- Blue (79%)



- Cyan (0%)
- Magenta (67%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.6285, 0.3772, 0.2186 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 31.6285, 0.3772, 0.2186 by changing the saturation by 10% instead.


 31.6285, 0.3772,
0.2186


 31.6285, 0.3772,
0.2186


309.4235, 0.3459,
0.2713

 21.0779, 0.3847,
0.2063


 62.2282, 0.3661,
0.2371

 13.1810, 0.3940,
0.1912

 83.0462, 0.3618,
0.2442

 7.5533, 0.4061,
0.1719


 108.0553, 0.3582,
0.2504

 3.8105, 0.4220,
0.1471

 137.6401, 0.3550,
0.2557

 1.5681, 0.4438,
0.1143

172.1849, 0.3523,
0.2603

 0.3360, 0.4829,
0.0552

212.0742, 0.3499,

 0.0000, 0.5288,

0.2644

0.0000

257.6922, 0.3478,
0.2680

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 31.6285, 0.3772,
0.2186

■ 31.6285, 0.3772,
0.2186

■ 28.0108, 0.3907,
0.2103

■ 36.6970, 0.3643,
0.2310

■ 25.6760, 0.4042,
0.2068

■ 43.3505, 0.3523,
0.2463

■ 24.4190, 0.4174,
0.2084

■ 51.7129, 0.3416,
0.2635

■ 24.1512, 0.4214,
0.2095

■ 61.8947, 0.3321,
0.2815

73.9970, 0.3239,
0.2997

88.1134, 0.3169,
0.3173

99.8043, 0.3121,
0.3290

Harmonies

Analogous

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



31.6285, 0.2540, 0.1749



31.6285, 0.3772, 0.2186



31.6285, 0.4987, 0.2826

Triad

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



31.6285, 0.3772, 0.2186



31.6285, 0.4343, 0.5214



31.6285, 0.1208, 0.2278

Complementary

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



31.6285, 0.3772, 0.2186



74.5560, 0.2833, 0.4843

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.



31.6285, 0.1494, 0.3430



31.6285, 0.3772, 0.2186



31.6285, 0.3278, 0.5653

Square

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



31.6285, 0.3772, 0.2186



31.6285, 0.5194, 0.4372



31.6285, 0.2230, 0.4942



31.6285, 0.1288, 0.1724

Rectangle

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



31.6285, 0.3772, 0.2186



31.6285, 0.5441, 0.3308



31.6285, 0.2230, 0.4942



31.6285, 0.1258, 0.2590

Sweetspot

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



31.6301, 0.3772, 0.2186



70.6836, 0.3263, 0.2941



18.6557, 0.2136, 0.1283



14.3885, 0.3286, 0.2890



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.



31.6301, 0.3772, 0.2186



27.4069, 0.3949, 0.2086



28.7222, 0.4916, 0.2985



18.1983, 0.3186, 0.3128



12.7645, 0.4193, 0.2084



1.2625, 0.4053, 0.2006

Inverse Universe

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



31.6301, 0.3772, 0.2186



27.4069, 0.3949, 0.2086



77.9155, 0.2478, 0.3712



18.1983, 0.3186, 0.3128



12.7645, 0.4193, 0.2084



1.2625, 0.4053, 0.2006

Previews

White Background



This preview shows how the Yxy color 31.6285, 0.3772, 0.2186 looks on a white background.

Color Contrast Check

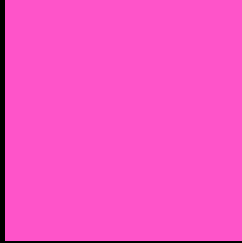
Large Text (above 18pt) WCAG AA × Fail

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 31.6285, 0.3772, 0.2186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

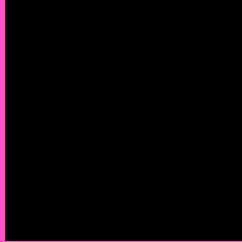
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6285, 0.3772, 0.2186

Background



This preview shows how black text looks on a background with the Yxy color 31.6285, 0.3772, 0.2186.



This preview shows how white text looks on a background with the Yxy color 31.6285, 0.3772, 0.2186.

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

31.6285, 0.3772, 0.2186

Protanopia

32.2205, 0.2140, 0.1968

Deuteranopia

31.8702, 0.2753, 0.2698



Tritanopia

31.5558, 0.4747, 0.3224

Trichromacy



Original Color

31.6285, 0.3772, 0.2186



Protanomaly

28.5914, 0.2544, 0.1952



Deuteranomaly

29.4266, 0.3085, 0.2401



Tritanomaly

31.1387, 0.4409, 0.2818

Monochromacy



Original Color

31.6285, 0.3772, 0.2186



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

28.0220, 0.3380, 0.2722

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6285, 0.3772, 0.2186 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(254, 84, 201)` looks like.

```
.text, #text, p{  
    color:rgb(254, 84, 201)  
}
```

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(254, 84, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 84, 201) }
```

Border

The CSS property to change the border of an element to Yxy 31.6285, 0.3772, 0.2186 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(254, 84, 201) }
```

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

```
.border{ border-color:rgb(254, 84, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 84, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 84, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 84, 201);  
box-shadow:4px 4px 4px 4px rgb(254, 84,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6285, 0.3772, 0.2186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 84, 201) }
```

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

```
.background{ background-color: rgb(254, 84,  
201) }
```

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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