

Converting Colors

$Y_{xy}(31.1550, 0.3875, 0.2286)$

Have a look what the booklet for
Yxy(31.1550, 0.3875, 0.2286)
contains.

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Color

Yxy(31.2734, 0.3872, 0.2287)

Conversions

Conversions Part 1

Format	Color
Hex	FC57BF
RGB	252, 87, 191
RGB Percent	99%, 34%, 75%
CMY	0.0119, 0.6586, 0.2511
CMYK	0.00, 0.65, 0.24, 0.01
HSL	322°, 96%, 66%
HSV	322°, 65%, 99%
XYZ	52.9474, 31.2734, 52.5234
YIQ	148.1910, 64.9560, 67.3240

Conversions

Conversions Part 2

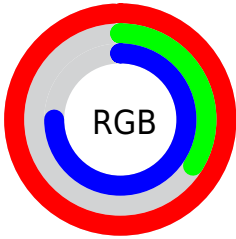
Format	Color
R_{YB}	252, 87, 191
Decimal	16537535
CIE _{Lab}	62.74, 72.02, -21.10
CIE _{LCh}	63, 75.047, 343.672
Yxy	31.2734, 0.3872, 0.2287
Android (android.graphics.Color)	4294727615 (0xFFFC57BF)
YUV	148.1910, 21.1048, 91.0405
Hunter-Lab	55.9226, 71.1386, -16.5403

Details

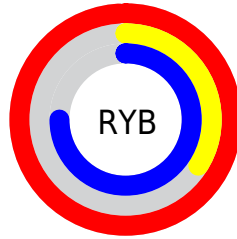
The Yxy color **31.2734, 0.3872, 0.2287** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **73.7709, 0.2794, 0.4675**, and the grayscale version is **29.5952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5332, 0.3243, 0.2304**, and **12.9259, 0.4083, 0.2028** is the 20% darker color. If you saturate the color by 10%, you get **27.4826, 0.4038, 0.2208**, and if you desaturate by 10%, it is **36.5168, 0.3716, 0.2405**.

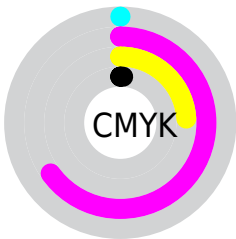
Distribution



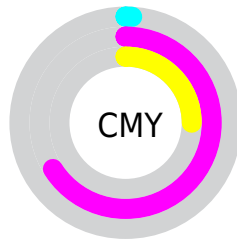
- Red (99%)
- Green (34%)
- Blue (75%)



- Red (99%)
- Yellow (34%)
- Blue (75%)



- Cyan (0%)
- Magenta (65%)
- Yellow (24%)
- Black (1%)





- Cyan (1%)
- Magenta (66%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2734, 0.3872, 0.2287 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 31.2734, 0.3872, 0.2287 by changing the saturation by 10% instead.


 31.2734, 0.3872,
0.2287


 31.2734, 0.3872,
0.2287


307.7959, 0.3500,
0.2774


 20.8071, 0.3964,
0.2171


 61.6703, 0.3737,
0.2460


 12.9831, 0.4081,
0.2026


 82.3696, 0.3686,
0.2526

 7.4169, 0.4236,
0.1840


 107.2488, 0.3643,
0.2583

 3.7242, 0.4446,
0.1595

 136.6922, 0.3607,
0.2631

 1.5205, 0.4749,
0.1263

171.0842, 0.3575,
0.2674

 0.3031, 0.5330,
0.0596

210.8093, 0.3547,

 0.0000, 0.6259,

0.2711

0.0000

256.2517, 0.3522,
0.2744

■ 0.0000, 0.0000,
0.0000

■ 31.2734, 0.3872,
0.2287

■ 31.2734, 0.3872,
0.2287

■ 27.4826, 0.4038,
0.2208

■ 36.5168, 0.3716,
0.2405

■ 24.9835, 0.4207,
0.2178

■ 43.3416, 0.3573,
0.2550

■ 23.5853, 0.4372,
0.2200


■ 51.8678, 0.3447,
0.2711

■ 23.1859, 0.4446,
0.2223

■ 62.2024, 0.3337,
0.2878

■ 74.4436, 0.3244,
0.3045

 88.6825, 0.3165,
0.3206

 99.4301, 0.3108,
0.3290

Harmonies

Analogous

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



31.2734, 0.2675, 0.1837



31.2734, 0.3872, 0.2287



31.2734, 0.4984, 0.2924

Triad

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



31.2734, 0.3872, 0.2287



31.2734, 0.4221, 0.5216



31.2734, 0.1270, 0.2254

Complementary

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



31.2734, 0.3872, 0.2287



73.7709, 0.2794, 0.4675

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.



31.2734, 0.1516, 0.3296



31.2734, 0.3872, 0.2287



31.2734, 0.3188, 0.5514

Square

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



31.2734, 0.3872, 0.2287



31.2734, 0.5058, 0.4441



31.2734, 0.2191, 0.4715



31.2734, 0.1378, 0.1758

Rectangle

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



31.2734, 0.3872, 0.2287



31.2734, 0.5365, 0.3400



31.2734, 0.2191, 0.4715



31.2734, 0.1309, 0.2535

Sweetspot

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



31.2750, 0.3872, 0.2287



70.5099, 0.3284, 0.2969



20.1019, 0.2246, 0.1364



14.3467, 0.3311, 0.2922



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.



31.2750, 0.3872, 0.2287



27.1723, 0.4099, 0.2191



28.6193, 0.5007, 0.3094



17.4093, 0.3195, 0.3142



12.1103, 0.4420, 0.2209



1.1421, 0.4236, 0.2107

Inverse Universe

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



31.2750, 0.3872, 0.2287



27.1723, 0.4099, 0.2191



77.3436, 0.2439, 0.3559



17.4093, 0.3195, 0.3142



12.1103, 0.4420, 0.2209



1.1421, 0.4236, 0.2107

Previews

White Background



This preview shows how the Yxy color 31.2734, 0.3872, 0.2287 looks on a white background.

Color Contrast Check

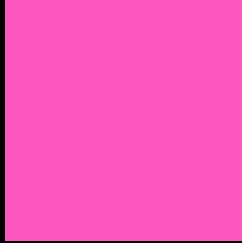
Large Text (above 18pt) WCAG AA × Fail

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 31.2734, 0.3872, 0.2287 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 31.2734, 0.3872, 0.2287

Background



This preview shows how black text looks on a background with the Yxy color 31.2734, 0.3872, 0.2287.



This preview shows how white text looks on a background with the Yxy color 31.2734, 0.3872, 0.2287.

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

31.2734, 0.3872, 0.2287

Protanopia

31.6610, 0.2250, 0.2100

Deuteranopia

31.5477, 0.2861, 0.2808



Tritanopia

31.1428, 0.4757, 0.3224

Trichromacy



Original Color

31.2734, 0.3872, 0.2287



Protanomaly

28.4670, 0.2674, 0.2076



Deuteranomaly

29.1159, 0.3196, 0.2518



Tritanomaly

31.0238, 0.4450, 0.2867

Monochromacy



Original Color

31.2734, 0.3872, 0.2287



Achromatopsia

29.6138, 0.3127, 0.3290



Achromatomaly

28.0411, 0.3401, 0.2772

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2734, 0.3872, 0.2287 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(252, 87, 191)` looks like.

```
.text, #text, p{  
    color:rgb(252, 87, 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(252, 87, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 87, 191) }
```

Border

The CSS property to change the border of an element to Yxy 31.2734, 0.3872, 0.2287 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(252, 87, 191) }
```

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

```
.border{ border-color:rgb(252, 87, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 87, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 87, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 87, 191);  
box-shadow:4px 4px 4px 4px rgb(252, 87,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2734, 0.3872, 0.2287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 87, 191) }
```

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

```
.background{ background-color: rgb(252, 87,  
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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