

Converting Colors

$Y_{xy}(39.7256, 0.4060, 0.2927)$

Have a look what the booklet for
Yxy(39.7256, 0.4060, 0.2927)
contains.

Yxy(39.6812, 0.4065, 0.2925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.6812, 0.4065, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	FC83A6
RGB	252, 131, 166
RGB Percent	99%, 51%, 65%
CMY	0.0117, 0.4863, 0.3490
CMYK	0.00, 0.48, 0.34, 0.01
HSL	343°, 95%, 75%
HSV	343°, 48%, 99%
XYZ	55.1467, 39.6812, 40.8343
YIQ	171.1690, 60.8810, 36.5370

Conversions

Conversions Part 2

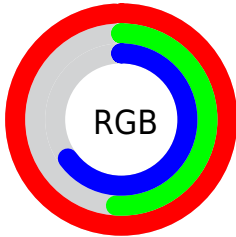
Format	Color
R _Y B	252, 131, 166
Decimal	16548774
CIE Lab	69.24, 49.60, 2.74
CIE LCh	69, 49.680, 3.162
Yxy	39.6812, 0.4065, 0.2925
Android (android.graphics.Color)	4294738854 (0xFFFC83A6)
YUV	171.1690, -2.5483, 70.8888
Hunter-Lab	62.9930, 46.0285, 5.6612

Details

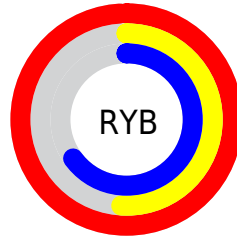
The Yxy color **39.6812, 0.4065, 0.2925** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **79.4600, 0.2648, 0.3711**, and the grayscale version is **40.8054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0211, 0.3421, 0.2944**, and **17.7291, 0.4350, 0.2812** is the 20% darker color. If you saturate the color by 10%, you get **33.1050, 0.4383, 0.2866**, and if you desaturate by 10%, it is **47.9988, 0.3793, 0.2998**.

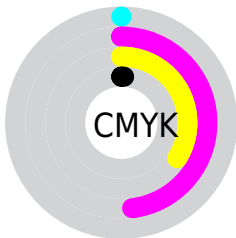
Distribution



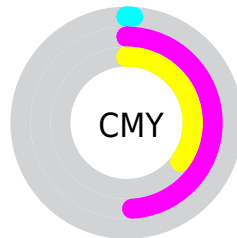
- Red (99%)
- Green (51%)
- Blue (65%)



- Red (99%)
- Yellow (51%)
- Blue (65%)



- Cyan (0%)
- Magenta (48%)
- Yellow (34%)
- Black (1%)



- Cyan (1%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6812, 0.4065, 0.2925 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 39.6812, 0.4065, 0.2925 by changing the saturation by 10% instead.


 39.6812, 0.4065,
0.2925


 39.6812, 0.4065,
0.2925


344.7780, 0.3584,
0.3115


 27.2901, 0.4188,
0.2875


 74.6778, 0.3888,
0.2996

 17.7912, 0.4348,
0.2810


 98.0521, 0.3822,
0.3022

 10.8002, 0.4564,
0.2722


 125.8562, 0.3766,
0.3044

 5.9326, 0.4867,
0.2595

158.4745, 0.3719,
0.3063

 2.8042, 0.5325,
0.2400

196.2915, 0.3678,
0.3079

 1.0304, 0.6075,
0.2071

239.6915, 0.3643,

 0.0000, 1.0000,

0.3092


0.0000


289.0588, 0.3611,
0.3105


 0.0000, 0.0000,
0.0000


 39.6812, 0.4065,
0.2925


 39.6812, 0.4065,
0.2925


 33.1050, 0.4383,
0.2866

 47.9988, 0.3793,
0.2998


 28.1391, 0.4740,
0.2832


 58.1646, 0.3566,
0.3077

 24.6433, 0.5115,
0.2834


 70.2838, 0.3379,
0.3157

 22.4502, 0.5478,
0.2883

 84.4519, 0.3228,
0.3233

 21.3335, 0.5790,
0.2975

 99.4367, 0.3109,
0.3290

 21.1766, 0.5847,
0.2994

Harmonies

Analogous

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



39.6812, 0.3340, 0.2497



39.6812, 0.4065, 0.2925



39.6812, 0.4520, 0.3447

Triad

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



39.6812, 0.4065, 0.2925



39.6812, 0.3501, 0.4638



39.6812, 0.1879, 0.2388

Complementary

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



39.6812, 0.4065, 0.2925



79.4600, 0.2648, 0.3711

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.



39.6812, 0.1908, 0.2878



39.6812, 0.4065, 0.2925



39.6812, 0.2799, 0.4331

Square

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



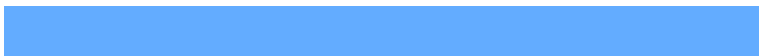
39.6812, 0.4065, 0.2925



39.6812, 0.4138, 0.4452



39.6812, 0.2224, 0.3615



39.6812, 0.2123, 0.2185

Rectangle

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



39.6812, 0.4065, 0.2925



39.6812, 0.4577, 0.3812



39.6812, 0.2224, 0.3615



39.6812, 0.1857, 0.2518

Sweetspot

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



39.6832, 0.4065, 0.2925



77.7721, 0.3315, 0.3187



37.8156, 0.2864, 0.2008



15.9945, 0.3349, 0.3171



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.



39.6832, 0.4065, 0.2925



33.9948, 0.4384, 0.2866



45.8455, 0.4334, 0.3548



17.3078, 0.3248, 0.3222



11.0525, 0.5804, 0.2971



1.0412, 0.5467, 0.2786

Inverse Universe

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



39.6832, 0.4065, 0.2925



33.9948, 0.4384, 0.2866



67.2340, 0.2438, 0.3001



17.3078, 0.3248, 0.3222



11.0525, 0.5804, 0.2971



1.0412, 0.5467, 0.2786

Previews

White Background



This preview shows how the Yxy color 39.6812, 0.4065, 0.2925 looks on a white background.

Color Contrast Check

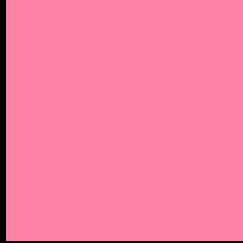
Large Text (above 18pt) WCAG AA × Fail

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 39.6812, 0.4065, 0.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

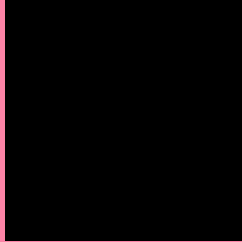
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6812, 0.4065, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 39.6812, 0.4065, 0.2925.



This preview shows how white text looks on a background with the Yxy color 39.6812, 0.4065, 0.2925.

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

39.6812, 0.4065, 0.2925

Protanopia

39.8516, 0.2954, 0.3017

Deuteranopia

39.9429, 0.3393, 0.3331



Tritanopia

39.6963, 0.4272, 0.3187

Trichromacy



Original Color

39.6812, 0.4065, 0.2925



Protanomaly

38.7437, 0.3317, 0.2972



Deuteranomaly

39.0979, 0.3631, 0.3155



Tritanomaly

39.8593, 0.4194, 0.3092

Monochromacy



Original Color

39.6812, 0.4065, 0.2925



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

38.9209, 0.3441, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6812, 0.4065, 0.2925 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, 131, 166)` looks like.

```
.text, #text, p{  
    color:rgb(252, 131, 166)  
}
```

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, 131, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 131, 166) }
```

Border

The CSS property to change the border of an element to Yxy 39.6812, 0.4065, 0.2925 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, 131, 166) }
```

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

```
.border{ border-color:rgb(252, 131, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 131, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 131, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 131, 166);  
box-shadow:4px 4px 4px 4px rgb(252, 131,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6812, 0.4065, 0.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 131, 166) }
```

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

```
.background{ background-color: rgb(252,  
131, 166) }
```

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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