

Converting Colors

Yxy(44.8534, 0.4077, 0.2613)

Have a look what the booklet for
Yxy(44.8534, 0.4077, 0.2613)
contains.

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Color

Yxy(38.6331, 0.3791, 0.2534)

Conversions

Conversions Part 1

Format	Color
Hex	FF78C3
RGB	255, 120, 195
RGB Percent	100%, 47%, 76%
CMY	0.0001, 0.5293, 0.2354
CMYK	0.00, 0.53, 0.24, 0.00
HSL	327°, 100%, 74%
HSV	327°, 53%, 100%
XYZ	57.7972, 38.6331, 56.0287
YIQ	168.9150, 56.3850, 51.9450

Conversions

Conversions Part 2

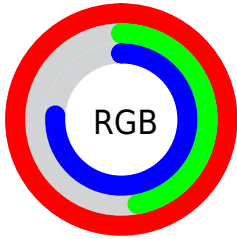
Format	Color
R_{YB}	255, 120, 195
Decimal	16742595
CIE _{Lab}	68.48, 59.45, -14.60
CIE _{LCh}	68, 61.213, 346.197
Yxy	38.6331, 0.3791, 0.2534
Android (android.graphics.Color)	4294932675 (0xFFFF78C3)
YUV	168.9150, 12.8599, 75.4965
Hunter-Lab	62.1555, 57.2114, -9.9367

Details

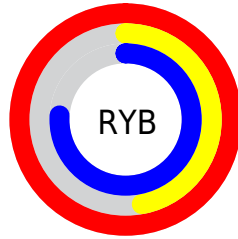
The Yxy color **38.6331, 0.3791, 0.2534** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **78.7938, 0.2779, 0.4231**, and the grayscale version is **39.5505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3389, 0.3186, 0.2543**, and **17.0802, 0.3978, 0.2335** is the 20% darker color. If you saturate the color by 10%, you get **32.8017, 0.3982, 0.2424**, and if you desaturate by 10%, it is **46.1398, 0.3620, 0.2668**.

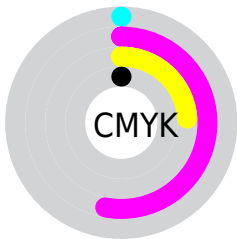
Distribution



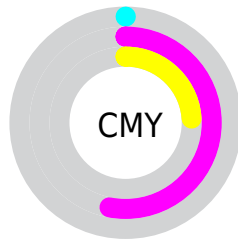
- Red (100%)
- Green (47%)
- Blue (76%)



- Red (100%)
- Yellow (47%)
- Blue (76%)



- Cyan (0%)
- Magenta (53%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.6331, 0.3791, 0.2534 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 38.6331, 0.3791, 0.2534 by changing the saturation by 10% instead.


 38.6331, 0.3791,
0.2534


 38.6331, 0.3791,
0.2534


340.3281, 0.3462,
0.2899

 26.4744, 0.3872,
0.2447


 73.0775, 0.3672,
0.2664

 17.1789, 0.3975,
0.2338


 96.1320, 0.3627,
0.2713

 10.3621, 0.4111,
0.2198


 123.5872, 0.3589,
0.2755

 5.6397, 0.4296,
0.2011

155.8276, 0.3557,
0.2792

 2.6273, 0.4565,
0.1751

193.2374, 0.3528,
0.2824

 0.9404, 0.4984,
0.1372

236.2012, 0.3503,

 0.0000, 0.6215,

0.2852

0.0000

285.1033, 0.3481,
0.2877

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 38.6331, 0.3791,
0.2534

■ 38.6331, 0.3791,
0.2534

■ 32.8017, 0.3982,
0.2424

■ 46.1398, 0.3620,
0.2668

■ 28.5062, 0.4189,
0.2349

■ 55.4349, 0.3472,
0.2814

■ 25.5944, 0.4404,
0.2322

■ 66.6284, 0.3345,
0.2963

■ 23.8791, 0.4617,
0.2349

■ 79.8197, 0.3239,
0.3110

■ 23.1961, 0.4762,
0.2397

■ 95.1012, 0.3150,
0.3250

99.9947, 0.3127,
0.3290

Harmonies

Analogous

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



38.6331, 0.2862, 0.2136



38.6331, 0.3791, 0.2534



38.6331, 0.4599, 0.3088

Triad

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



38.6331, 0.3791, 0.2534



38.6331, 0.4007, 0.4869



38.6331, 0.1613, 0.2459

Complementary

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



38.6331, 0.3791, 0.2534



78.7938, 0.2779, 0.4231

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.



38.6331, 0.1820, 0.3248



38.6331, 0.3791, 0.2534



38.6331, 0.3172, 0.4919

Square

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



38.6331, 0.3791, 0.2534



38.6331, 0.4659, 0.4357



38.6331, 0.2370, 0.4255



38.6331, 0.1722, 0.2049

Rectangle

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



38.6331, 0.3791, 0.2534



38.6331, 0.4876, 0.3503



38.6331, 0.2370, 0.4255



38.6331, 0.1645, 0.2680

Sweetspot

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



38.6350, 0.3791, 0.2534



75.5607, 0.3270, 0.3065



30.1843, 0.2521, 0.1759



15.5838, 0.3291, 0.3035



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.



38.6350, 0.3791, 0.2534



32.2755, 0.4004, 0.2414



36.2815, 0.4584, 0.3204



18.1560, 0.3207, 0.3159



12.1541, 0.4730, 0.2379



1.2054, 0.4508, 0.2257

Inverse Universe

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



38.6350, 0.3791, 0.2534



32.2755, 0.4004, 0.2414



82.1499, 0.2483, 0.3393



18.1560, 0.3207, 0.3159



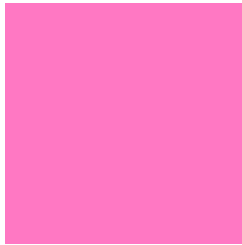
12.1541, 0.4730, 0.2379



1.2054, 0.4508, 0.2257

Previews

White Background



This preview shows how the Yxy color 38.6331, 0.3791, 0.2534 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 38.6331, 0.3791, 0.2534 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 38.6331, 0.3791, 0.2534

Background



This preview shows how black text looks on a background with the Yxy color 38.6331, 0.3791, 0.2534.



This preview shows how white text looks on a background with the Yxy color 38.6331, 0.3791, 0.2534.

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

38.6331, 0.3791, 0.2534

Protanopia

38.9403, 0.2542, 0.2481

Deuteranopia

38.8239, 0.3015, 0.2954



Tritanopia

38.4797, 0.4337, 0.3188

Trichromacy



Original Color

38.6331, 0.3791, 0.2534



Protanomaly

37.0926, 0.2917, 0.2473



Deuteranomaly

37.3255, 0.3271, 0.2746



Tritanomaly

38.4474, 0.4138, 0.2937

Monochromacy



Original Color

38.6331, 0.3791, 0.2534



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

37.6269, 0.3362, 0.2947

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6331, 0.3791, 0.2534 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, 120, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 195)  
}
```

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, 120, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 195) }
```

Border

The CSS property to change the border of an element to Yxy 38.6331, 0.3791, 0.2534 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, 120, 195) }
```

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

```
.border{ border-color:rgb(255, 120, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6331, 0.3791, 0.2534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 195) }
```

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

```
.background{ background-color: rgb(255,  
120, 195) }
```

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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