

Converting Colors

$Y_{xy}(56.1751, 0.4926, 0.3100)$

Have a look what the booklet for
Yxy(56.1751, 0.4926, 0.3100)
contains.

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Color

Yxy(38.1942, 0.4283, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	FF7D98
RGB	255, 125, 152
RGB Percent	100%, 49%, 60%
CMY	0.0000, 0.5098, 0.4040
CMYK	0.00, 0.51, 0.40, 0.00
HSL	348°, 100%, 75%
HSV	348°, 51%, 100%
XYZ	54.2393, 38.1942, 34.2051
YIQ	166.9480, 68.8130, 35.9570

Conversions

Conversions Part 2

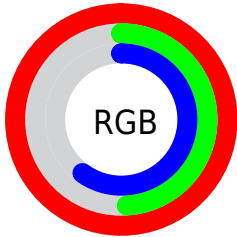
Format	Color
RYB	255, 125, 152
Decimal	16743832
CIELab	68.16, 51.95, 9.15
CIELCh	68, 52.753, 9.989
Yxy	38.1942, 0.4283, 0.3016
Android (android.graphics.Color)	4294933912 (0xFFFF7D98)
YUV	166.9480, -7.3694, 77.2216
Hunter-Lab	61.8015, 48.5058, 10.4459

Details

The Yxy color **38.1942, 0.4283, 0.3016** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **81.4846, 0.2579, 0.3609**, and the grayscale version is **38.6291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7640, 0.3556, 0.3033**, and **16.9154, 0.4635, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **31.9401, 0.4658, 0.2982**, and if you desaturate by 10%, it is **46.2216, 0.3958, 0.3065**.

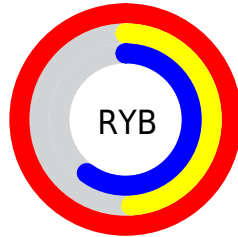
Distribution



Red (100%)

Green (49%)

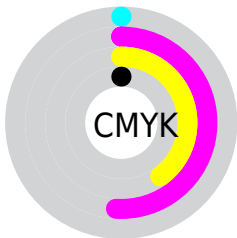
Blue (60%)



Red (100%)

Yellow (49%)

Blue (60%)

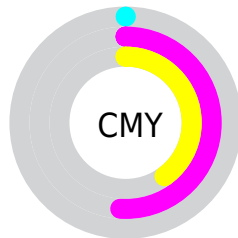


Cyan (0%)

Magenta (51%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1942, 0.4283, 0.3016 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 38.1942, 0.4283, 0.3016 by changing the saturation by 10% instead.


 38.1942, 0.4283,
0.3016


 38.1942, 0.4283,
0.3016


338.4523, 0.3683,
0.3171

 26.1334, 0.4438,
0.2972


 72.4057, 0.4061,
0.3076

 16.9235, 0.4640,
0.2913


 95.3252, 0.3979,
0.3098

 10.1800, 0.4912,
0.2828


 122.6332, 0.3910,
0.3115

 5.5184, 0.5296,
0.2701

154.7138, 0.3851,
0.3130

 2.5545, 0.5869,
0.2494

191.9517, 0.3800,
0.3142

 0.9039, 0.6986,
0.2183

234.7312, 0.3756,

 0.0000, 1.0000,

0.3153

0.0000

283.4365, 0.3718,
0.3162

■ 0.0000, 0.0000,
0.0000

■ 38.1942, 0.4283,
0.3016

■ 38.1942, 0.4283,
0.3016

■ 31.9401, 0.4658,
0.2982

■ 46.2216, 0.3958,
0.3065

■ 27.3187, 0.5068,
0.2972

■ 56.1381, 0.3687,
0.3121

■ 24.1770, 0.5479,
0.2996

■ 68.0559, 0.3465,
0.3178

■ 22.3297, 0.5843,
0.3056

■ 82.0768, 0.3285,
0.3233

■ 21.5160, 0.6096,
0.3132

■ 98.2957, 0.3140,
0.3285

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



38.1942, 0.3539, 0.2536



38.1942, 0.4283, 0.3016



38.1942, 0.4669, 0.3578

Triad

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



38.1942, 0.4283, 0.3016



38.1942, 0.3345, 0.4724



38.1942, 0.1835, 0.2250

Complementary

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



38.1942, 0.4283, 0.3016



81.4846, 0.2579, 0.3609

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.



38.1942, 0.1797, 0.2695



38.1942, 0.4283, 0.3016



38.1942, 0.2611, 0.4269

Square

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



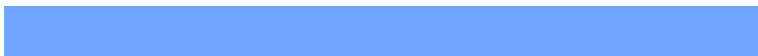
38.1942, 0.4283, 0.3016



38.1942, 0.4060, 0.4612



38.1942, 0.2057, 0.3441



38.1942, 0.2156, 0.2105

Rectangle

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



38.1942, 0.4283, 0.3016



38.1942, 0.4649, 0.3963



38.1942, 0.2057, 0.3441



38.1942, 0.1790, 0.2363

Sweetspot

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



38.1959, 0.4283, 0.3016



76.1758, 0.3353, 0.3211



38.1942, 0.2936, 0.1967



15.6730, 0.3391, 0.3199



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.



38.1959, 0.4283, 0.3016



31.9271, 0.4659, 0.2982



48.5257, 0.4379, 0.3674



18.0487, 0.3262, 0.3241



11.2597, 0.6060, 0.3112



1.1113, 0.5759, 0.2946

Inverse Universe

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



38.1959, 0.4283, 0.3016



31.9271, 0.4659, 0.2982



61.8117, 0.2376, 0.2845



18.0487, 0.3262, 0.3241



11.2597, 0.6060, 0.3112



1.1113, 0.5759, 0.2946

Previews

White Background



This preview shows how the Yxy color 38.1942, 0.4283, 0.3016 looks on a white background.

Color Contrast Check

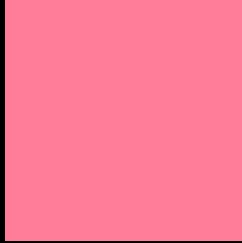
Large Text (above 18pt) WCAG AA × Fail

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 38.1942, 0.4283, 0.3016 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 38.1942, 0.4283, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 38.1942, 0.4283, 0.3016.



This preview shows how white text looks on a background with the Yxy color 38.1942, 0.4283, 0.3016.

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

38.1942, 0.4283, 0.3016

Protanopia

38.5831, 0.3060, 0.3164

Deuteranopia

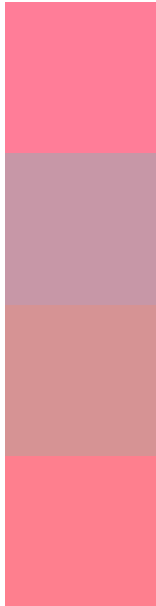
38.1641, 0.3556, 0.3480



Tritanopia

38.3153, 0.4437, 0.3201

Trichromacy



Original Color

38.1942, 0.4283, 0.3016

Protanomaly

37.0654, 0.3461, 0.3084

Deuteranomaly

37.3017, 0.3826, 0.3280

Tritanomaly

38.2026, 0.4383, 0.3139

Monochromacy



Original Color

38.1942, 0.4283, 0.3016

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.2072, 0.3509, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1942, 0.4283, 0.3016 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, 125, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 152)  
}
```

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, 125, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 152) }
```

Border

The CSS property to change the border of an element to Yxy 38.1942, 0.4283, 0.3016 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, 125, 152) }
```

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

```
.border{ border-color:rgb(255, 125, 152) }
```

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

Here you see how a box with a 4 pixel rgb(255, 125, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1942, 0.4283, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 152) }
```

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

```
.background{ background-color: rgb(255,  
125, 152) }
```

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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