

Converting Colors

$Y_{xy}(46.1464, 0.3703, 0.2871)$

Have a look what the booklet for
Yxy(46.1464, 0.3703, 0.2871)
contains.

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Color

Yxy(46.3578, 0.3705, 0.2877)

Conversions

Conversions Part 1

Format	Color
Hex	F998BF
RGB	249, 152, 191
RGB Percent	98%, 60%, 75%
CMY	0.0235, 0.4039, 0.2511
CMYK	0.00, 0.39, 0.23, 0.02
HSL	336°, 89%, 79%
HSV	336°, 39%, 98%
XYZ	59.6996, 46.3578, 55.0751
YIQ	185.4490, 45.2930, 32.6930

Conversions

Conversions Part 2

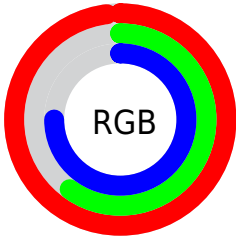
Format	Color
R _Y B	249, 152, 191
Decimal	16357567
CIE Lab	73.78, 41.23, -4.57
CIE LCh	74, 41.483, 353.681
Yxy	46.3578, 0.3705, 0.2877
Android (android.graphics.Color)	4294547647 (0xFFFF998BF)
YUV	185.4490, 2.7366, 55.7342
Hunter-Lab	68.0866, 37.3606, -0.2990

Details

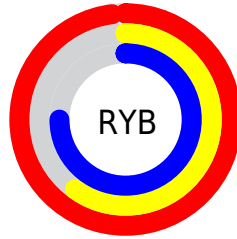
The Yxy color $46.3578, 0.3705, 0.2877$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $79.0897, 0.2774, 0.3753$, and the grayscale version is $48.7451, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.0872, 0.3204, 0.2906$, and $21.8350, 0.3864, 0.2763$ is the 20% darker color. If you saturate the color by 10%, you get $38.4847, 0.3931, 0.2775$, and if you desaturate by 10%, it is $55.9986, 0.3514, 0.2986$.

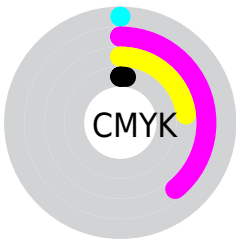
Distribution



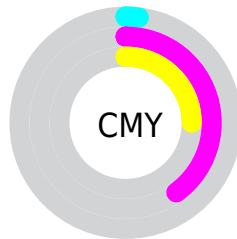
- Red (98%)
- Green (60%)
- Blue (75%)



- Red (98%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (2%)




- Cyan (2%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.3578, 0.3705, 0.2877 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 46.3578, 0.3705, 0.2877 by changing the saturation by 10% instead.


 46.3578, 0.3705,
0.2877

 46.3578, 0.3705,
0.2877


372.2453, 0.3419,
0.3079

 32.5283, 0.3776,
0.2828


 84.7542, 0.3602,
0.2949

 21.7653, 0.3866,
0.2766


 110.0899, 0.3563,
0.2977

 13.6846, 0.3984,
0.2686


140.0297, 0.3530,
0.3000

 7.9016, 0.4148,
0.2576

174.9581, 0.3501,
0.3020

 4.0320, 0.4387,
0.2418

215.2595, 0.3476,
0.3038

 1.6915, 0.4768,
0.2175

261.3182, 0.3455,

 0.4181, 0.5633,

0.3053

0.1531

313.5187, 0.3436,
0.3067

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 46.3578, 0.3705,
0.2877

■ 46.3578, 0.3705,
0.2877

■ 38.4847, 0.3931,
0.2775

■ 55.9986, 0.3514,
0.2986

■ 32.2637, 0.4193,
0.2690

■ 67.5002, 0.3355,
0.3095

■ 27.5758, 0.4485,
0.2634

■ 80.9570, 0.3224,
0.3201

■ 24.2827, 0.4795,
0.2620

■ 96.4548, 0.3117,
0.3300

■ 22.2210, 0.5103,
0.2658

■ 98.8819, 0.3090,
0.3290

■ 21.1493, 0.5388,
0.2747

■ 21.0625, 0.5416,
0.2757

Harmonies

Analogous

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



46.3578, 0.3115, 0.2556



46.3578, 0.3705, 0.2877



46.3578, 0.4151, 0.3298

Triad

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



46.3578, 0.3705, 0.2877



46.3578, 0.3620, 0.4346



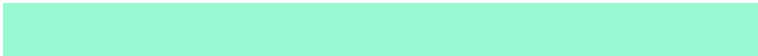
46.3578, 0.2088, 0.2675

Complementary

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



46.3578, 0.3705, 0.2877



79.0897, 0.2774, 0.3753

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.



46.3578, 0.2194, 0.3148



46.3578, 0.3705, 0.2877



46.3578, 0.3054, 0.4214

Square

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



46.3578, 0.3705, 0.2877



46.3578, 0.4078, 0.4142



46.3578, 0.2536, 0.3741



46.3578, 0.2222, 0.2422

Rectangle

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



46.3578, 0.3705, 0.2877



46.3578, 0.4280, 0.3599



46.3578, 0.2536, 0.3741



46.3578, 0.2097, 0.2810

Sweetspot

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



46.3600, 0.3705, 0.2877



80.8830, 0.3261, 0.3169



42.7939, 0.2834, 0.2225



16.9071, 0.3278, 0.3155



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.



46.3600, 0.3705, 0.2877



42.0610, 0.3886, 0.2794



47.5811, 0.4072, 0.3380



17.3408, 0.3231, 0.3195



11.2995, 0.5375, 0.2735



1.0669, 0.5060, 0.2561

Inverse Universe

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



46.3600, 0.3705, 0.2877



42.0610, 0.3886, 0.2794



76.3839, 0.2573, 0.3196



17.3408, 0.3231, 0.3195



11.2995, 0.5375, 0.2735



1.0669, 0.5060, 0.2561

Previews

White Background



This preview shows how the Yxy color 46.3578, 0.3705, 0.2877 looks on a white background.

Color Contrast Check

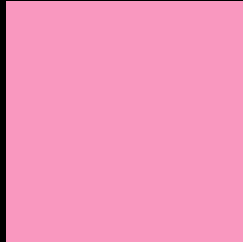
Large Text (above 18pt) WCAG AA × Fail

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 46.3578, 0.3705, 0.2877 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 46.3578, 0.3705, 0.2877

Background



This preview shows how black text looks on a background with the Yxy color 46.3578, 0.3705, 0.2877.



This preview shows how white text looks on a background with the Yxy color 46.3578, 0.3705, 0.2877.

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

46.3578, 0.3705, 0.2877

Protanopia

46.5931, 0.2883, 0.2922

Deuteranopia

46.5088, 0.3221, 0.3153



Tritanopia

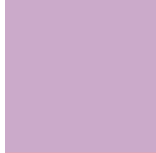
46.3782, 0.3908, 0.3162

Trichromacy



Original Color

46.3578, 0.3705, 0.2877



Protanomaly

45.7102, 0.3154, 0.2903



Deuteranomaly

45.8672, 0.3396, 0.3041



Tritanomaly

46.5337, 0.3839, 0.3066

Monochromacy



Original Color

46.3578, 0.3705, 0.2877



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

46.8849, 0.3323, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3578, 0.3705, 0.2877 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(249, 152, 191)` looks like.

```
.text, #text, p{  
    color:rgb(249, 152, 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(249, 152, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 152, 191) }
```

Border

The CSS property to change the border of an element to Yxy 46.3578, 0.3705, 0.2877 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(249, 152, 191) }
```

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

```
.border{ border-color:rgb(249, 152, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 152, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 152, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 152, 191);  
box-shadow:4px 4px 4px 4px rgb(249, 152,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3578, 0.3705, 0.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 152, 191) }
```

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

```
.background{ background-color: rgb(249,  
152, 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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