

Converting Colors

$Y_{xy}(50.7373, 0.3539, 0.2975)$

Have a look what the booklet for
Yxy(50.7373, 0.3539, 0.2975)
contains.

Yxy(50.7373, 0.3539, 0.2975)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.7373, 0.3539, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	F1A8C5
RGB	241, 168, 197
RGB Percent	95%, 66%, 77%
CMY	0.0549, 0.3411, 0.2273
CMYK	0.00, 0.30, 0.18, 0.05
HSL	336°, 72%, 80%
HSV	336°, 30%, 95%
XYZ	60.3561, 50.7373, 59.4522
YIQ	193.1330, 34.1990, 24.4950

Conversions

Conversions Part 2

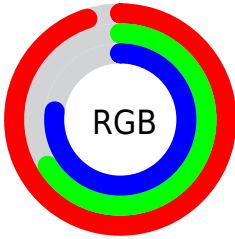
Format	Color
R _Y B	241, 168, 197
Decimal	15837381
CIE Lab	76.52, 30.97, -3.95
CIE LCh	77, 31.224, 352.730
Yxy	50.7373, 0.3539, 0.2975
Android (android.graphics.Color)	4294027461 (0xFFFF1A8C5)
YUV	193.1330, 1.9064, 41.9794
Hunter-Lab	71.2301, 26.5973, 0.3747

Details

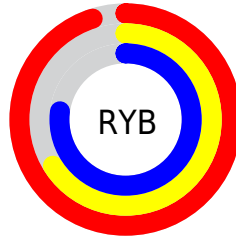
The Yxy color $50.7373, 0.3539, 0.2975$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $75.9820, 0.2842, 0.3631$, and the grayscale version is $53.3862, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7271, 0.3148, 0.2999$, and $24.4350, 0.3657, 0.2896$ is the 20% darker color. If you saturate the color by 10%, you get $42.0165, 0.3736, 0.2868$, and if you desaturate by 10%, it is $61.1757, 0.3375, 0.3083$.

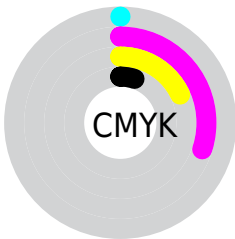
Distribution



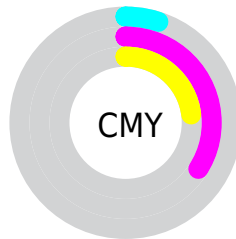
- Red (95%)
- Green (66%)
- Blue (77%)



- Red (95%)
- Yellow (66%)
- Blue (77%)



- Cyan (0%)
- Magenta (30%)
- Yellow (18%)
- Black (5%)





- Cyan (5%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7373, 0.3539, 0.2975 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 50.7373, 0.3539, 0.2975 by changing the saturation by 10% instead.


 50.7373, 0.3539,
0.2975

 50.7373, 0.3539,
0.2975


389.5423, 0.3338,
0.3127

 35.9996, 0.3588,
0.2938


 91.2663, 0.3467,
0.3029

 24.4339, 0.3650,
0.2892


 117.8265, 0.3439,
0.3050

 15.6558, 0.3731,
0.2833


149.0962, 0.3416,
0.3068

 9.2809, 0.3843,
0.2752

185.4598, 0.3396,
0.3083

 4.9249, 0.4003,
0.2636

227.3019, 0.3379,
0.3096

 2.2032, 0.4255,
0.2460

275.0067, 0.3363,

 0.7218, 0.4718,

0.3108

0.2133

328.9587, 0.3350,
0.3118

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7373, 0.3539,
0.2975

50.7373, 0.3539,
0.2975

42.0165, 0.3736,
0.2868

61.1757, 0.3375,
0.3083

34.9132, 0.3968,
0.2769

73.4105, 0.3241,
0.3188

29.3279, 0.4236,
0.2688

87.5243, 0.3130,
0.3287

25.1467, 0.4533,
0.2637

97.4389, 0.3041,
0.3290

■ 22.2398, 0.4845,
0.2630

■ 20.4526, 0.5153,
0.2675

■ 19.5403, 0.5429,
0.2764

Harmonies

Analogous

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



50.7373, 0.3111, 0.2730



50.7373, 0.3539, 0.2975



50.7373, 0.3865, 0.3299

Triad

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



50.7373, 0.3539, 0.2975



50.7373, 0.3515, 0.4055



50.7373, 0.2346, 0.2855

Complementary

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



50.7373, 0.3539, 0.2975



75.9820, 0.2842, 0.3631

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.



50.7373, 0.2438, 0.3211



50.7373, 0.3539, 0.2975



50.7373, 0.3098, 0.3954

Square

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



50.7373, 0.3539, 0.2975



50.7373, 0.3841, 0.3923



50.7373, 0.2706, 0.3629



50.7373, 0.2443, 0.2648

Rectangle

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



50.7373, 0.3539, 0.2975



50.7373, 0.3966, 0.3528



50.7373, 0.2706, 0.3629



50.7373, 0.2355, 0.2960

Sweetspot

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



50.7396, 0.3539, 0.2975



85.3628, 0.3225, 0.3201



48.3253, 0.2924, 0.2480



17.8002, 0.3243, 0.3186



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.



50.7396, 0.3539, 0.2975



51.6818, 0.3649, 0.2912



52.3056, 0.3787, 0.3373



15.8630, 0.3231, 0.3196



10.6222, 0.5387, 0.2741



0.9028, 0.5038, 0.2549

Inverse Universe

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



50.7396, 0.3539, 0.2975



51.6818, 0.3649, 0.2912



73.3460, 0.2681, 0.3205



15.8630, 0.3231, 0.3196



10.6222, 0.5387, 0.2741



0.9028, 0.5038, 0.2549

Previews

White Background



This preview shows how the Yxy color 50.7373, 0.3539, 0.2975 looks on a white background.

Color Contrast Check

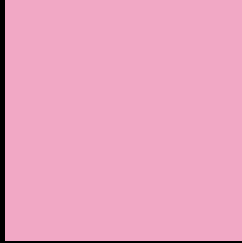
Large Text (above 18pt) WCAG AA × Fail

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 50.7373, 0.3539, 0.2975 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 50.7373, 0.3539, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 50.7373, 0.3539, 0.2975.



This preview shows how white text looks on a background with the Yxy color 50.7373, 0.3539, 0.2975.

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

50.7373, 0.3539, 0.2975

Protanopia

51.1347, 0.2963, 0.3032

Deuteranopia

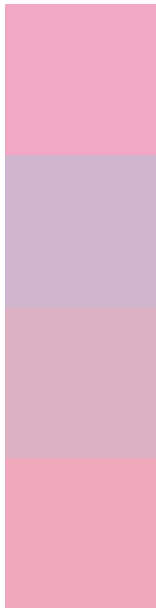
50.7412, 0.3227, 0.3158



Tritanopia

50.5191, 0.3646, 0.3148

Trichromacy



Original Color

50.7373, 0.3539, 0.2975

Protanomaly

50.7209, 0.3157, 0.3006

Deuteranomaly

50.6863, 0.3336, 0.3092

Tritanomaly

50.5320, 0.3611, 0.3082

Monochromacy



Original Color

50.7373, 0.3539, 0.2975

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

51.8777, 0.3268, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7373, 0.3539, 0.2975 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(241, 168, 197)` looks like.

```
.text, #text, p{  
    color:rgb(241, 168, 197)  
}
```

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(241, 168, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 168, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.7373, 0.3539, 0.2975 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(241, 168, 197) }
```

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

```
.border{ border-color:rgb(241, 168, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 168, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 168, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 168, 197);  
box-shadow:4px 4px 4px 4px rgb(241, 168,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7373, 0.3539, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 168, 197) }
```

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

```
.background{ background-color: rgb(241,  
168, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor