

Converting Colors

$Y_{xy}(49.3159, 0.3675, 0.2941)$

Have a look what the booklet for
Yxy(49.3159, 0.3675, 0.2941)
contains.

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Color

Yxy(49.3159, 0.3675, 0.2941)

Conversions

Conversions Part 1

Format	Color
Hex	FAA0C1
RGB	250, 160, 193
RGB Percent	98%, 63%, 76%
CMY	0.0196, 0.3725, 0.2430
CMYK	0.00, 0.36, 0.23, 0.02
HSL	338°, 90%, 80%
HSV	338°, 36%, 98%
XYZ	61.6239, 49.3159, 56.7443
YIQ	190.6720, 43.0470, 29.3430

Conversions

Conversions Part 2

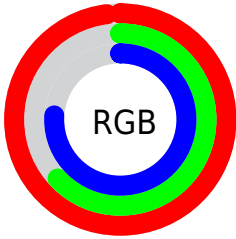
Format	Color
R _Y B	250, 160, 193
Decimal	16425153
CIE Lab	75.65, 37.72, -2.93
CIE LCh	76, 37.835, 355.551
Yxy	49.3159, 0.3675, 0.2941
Android (android.graphics.Color)	4294615233 (0xFFFAA0C1)
YUV	190.6720, 1.1477, 52.0307
Hunter-Lab	70.2253, 33.7426, 1.2495

Details

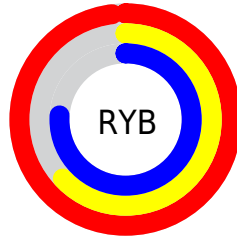
The Yxy color $49.3159, 0.3675, 0.2941$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $80.8529, 0.2781, 0.3674$, and the grayscale version is $51.8774, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.2113, 0.3185, 0.2967$, and $23.6153, 0.3821, 0.2844$ is the 20% darker color. If you saturate the color by 10%, you get $40.8354, 0.3905, 0.2845$, and if you desaturate by 10%, it is $59.6193, 0.3482, 0.3041$.

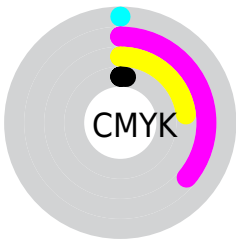
Distribution



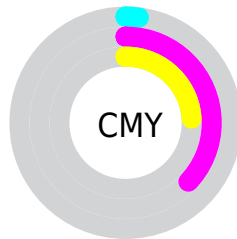
- Red (98%)
- Green (63%)
- Blue (76%)



- Red (98%)
- Yellow (63%)
- Blue (76%)



- Cyan (0%)
- Magenta (36%)
- Yellow (23%)
- Black (2%)





- Cyan (2%)
- Magenta (37%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3159, 0.3675, 0.2941 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 49.3159, 0.3675, 0.2941 by changing the saturation by 10% instead.


 49.3159, 0.3675,
0.2941


 49.3159, 0.3675,
0.2941

383.9846, 0.3405,
0.3111

 34.8701, 0.3741,
0.2900


 89.1605, 0.3578,
0.3002

 23.5629, 0.3825,
0.2848


 115.3280, 0.3541,
0.3025

 15.0097, 0.3935,
0.2780


146.1717, 0.3510,
0.3045

 8.8262, 0.4086,
0.2688

182.0758, 0.3483,
0.3062

 4.6280, 0.4305,
0.2556

223.4247, 0.3460,
0.3076

 2.0307, 0.4651,
0.2352

270.6029, 0.3440,

 0.6252, 0.5309,

0.3089

0.1941

323.9948, 0.3421,
0.3101

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.3159, 0.3675,
0.2941

49.3159, 0.3675,
0.2941

40.8354, 0.3905,
0.2845

59.6193, 0.3482,
0.3041

34.0633, 0.4174,
0.2763

71.8372, 0.3324,
0.3141

28.8832, 0.4479,
0.2705

86.0633, 0.3193,
0.3236

25.1608, 0.4807,
0.2685

99.0640, 0.3096,
0.3290

■ 22.7393, 0.5137,
0.2713

■ 21.4248, 0.5444,
0.2794

■ 21.0926, 0.5557,
0.2835

Harmonies

Analogous

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



49.3159, 0.3152, 0.2640



49.3159, 0.3675, 0.2941



49.3159, 0.4057, 0.3329

Triad

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



49.3159, 0.3675, 0.2941



49.3159, 0.3545, 0.4233



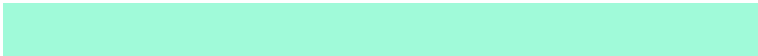
49.3159, 0.2189, 0.2722

Complementary

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



49.3159, 0.3675, 0.2941



80.8529, 0.2781, 0.3674

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.



49.3159, 0.2274, 0.3138



49.3159, 0.3675, 0.2941



49.3159, 0.3036, 0.4088

Square

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



49.3159, 0.3675, 0.2941



49.3159, 0.3963, 0.4078



49.3159, 0.2574, 0.3659



49.3159, 0.2324, 0.2501

Rectangle

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



49.3159, 0.3675, 0.2941



49.3159, 0.4161, 0.3603



49.3159, 0.2574, 0.3659



49.3159, 0.2193, 0.2841

Sweetspot

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



49.3182, 0.3675, 0.2941



82.2997, 0.3255, 0.3189



46.5674, 0.2886, 0.2317



17.1876, 0.3273, 0.3176



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.



49.3182, 0.3675, 0.2941



45.1461, 0.3833, 0.2873



51.8001, 0.3960, 0.3405



17.3305, 0.3236, 0.3203



11.2135, 0.5514, 0.2811



1.0582, 0.5188, 0.2631

Inverse Universe

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



49.3182, 0.3675, 0.2941



45.1461, 0.3833, 0.2873



76.4022, 0.2604, 0.3170



17.3305, 0.3236, 0.3203



11.2135, 0.5514, 0.2811



1.0582, 0.5188, 0.2631

Previews

White Background



This preview shows how the Yxy color 49.3159, 0.3675, 0.2941 looks on a white background.

Color Contrast Check

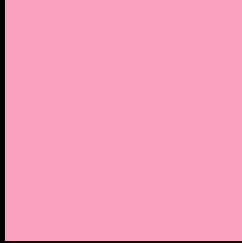
Large Text (above 18pt) WCAG AA × Fail

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 49.3159, 0.3675, 0.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

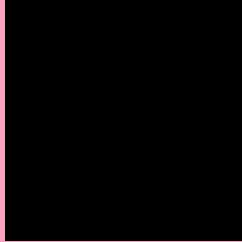
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3159, 0.3675, 0.2941

Background



This preview shows how black text looks on a background with the Yxy color 49.3159, 0.3675, 0.2941.



This preview shows how white text looks on a background with the Yxy color 49.3159, 0.3675, 0.2941.

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

49.3159, 0.3675, 0.2941

Protanopia

49.4917, 0.2939, 0.2992

Deuteranopia

49.5592, 0.3261, 0.3193



Tritanopia

49.2460, 0.3824, 0.3163

Trichromacy



Original Color

49.3159, 0.3675, 0.2941



Protanomaly

48.7724, 0.3185, 0.2969



Deuteranomaly

48.9770, 0.3414, 0.3093



Tritanomaly

49.3578, 0.3768, 0.3077

Monochromacy



Original Color

49.3159, 0.3675, 0.2941



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.4453, 0.3307, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3159, 0.3675, 0.2941 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(250, 160, 193)` looks like.

```
.text, #text, p{  
    color:rgb(250, 160, 193)  
}
```

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(250, 160, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 160, 193) }
```

Border

The CSS property to change the border of an element to Yxy 49.3159, 0.3675, 0.2941 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(250, 160, 193) }
```

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

```
.border{ border-color:rgb(250, 160, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 160, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 160, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 160, 193);  
box-shadow:4px 4px 4px 4px rgb(250, 160,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3159, 0.3675, 0.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 160, 193) }
```

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

```
.background{ background-color: rgb(250,  
160, 193) }
```

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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