

Converting Colors

$Y_{xy}(48.9748, 0.3665, 0.2960)$

Have a look what the booklet for
Yxy(48.9748, 0.3665, 0.2960)
contains.

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Color

Yxy(49.0697, 0.3655, 0.2959)

Conversions

Conversions Part 1

Format	Color
Hex	F7A1C0
RGB	247, 161, 192
RGB Percent	97%, 63%, 75%
CMY	0.0315, 0.3686, 0.2470
CMYK	0.00, 0.35, 0.22, 0.03
HSL	338°, 84%, 80%
HSV	338°, 35%, 97%
XYZ	60.6116, 49.0697, 56.1507
YIQ	190.2480, 41.3050, 27.8730

Conversions

Conversions Part 2

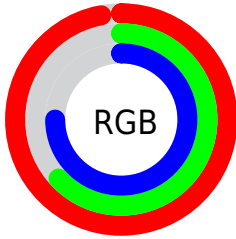
Format	Color
R_{YB}	247, 161, 192
Decimal	16228800
CIE _{Lab}	75.49, 36.00, -2.63
CIE _{LCh}	75, 36.093, 355.814
Yxy	49.0697, 0.3655, 0.2959
Android (android.graphics.Color)	4294418880 (0xFFFF7A1C0)
YUV	190.2480, 0.8637, 49.7715
Hunter-Lab	70.0498, 31.8627, 1.5090

Details

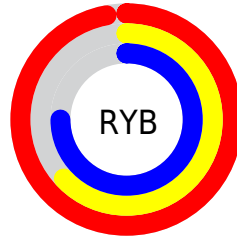
The Yxy color **49.0697, 0.3655, 0.2959** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.0434, 0.2788, 0.3652**, and the grayscale version is **51.6218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6630, 0.3191, 0.2986**, and **23.4080, 0.3794, 0.2864** is the 20% darker color. If you saturate the color by 10%, you get **40.6117, 0.3883, 0.2864**, and if you desaturate by 10%, it is **59.3123, 0.3465, 0.3058**.

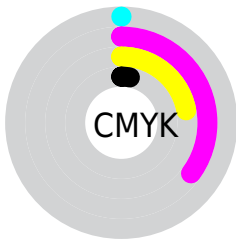
Distribution



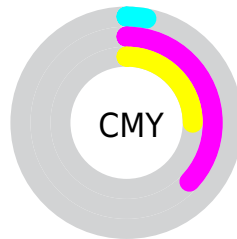
- Red (97%)
- Green (63%)
- Blue (75%)



- Red (97%)
- Yellow (63%)
- Blue (75%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (3%)




- Cyan (3%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0697, 0.3655, 0.2959 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 49.0697, 0.3655, 0.2959 by changing the saturation by 10% instead.


 49.0697, 0.3655,
0.2959


 49.0697, 0.3655,
0.2959


383.0166, 0.3395,
0.3121

 34.6748, 0.3719,
0.2920


 88.7950, 0.3561,
0.3017

 23.4125, 0.3800,
0.2870

 114.8941, 0.3526,
0.3039

 14.8984, 0.3907,
0.2805


145.6634, 0.3496,
0.3058

 8.7481, 0.4054,
0.2717

181.4873, 0.3470,
0.3074

 4.5772, 0.4267,
0.2590

222.7502, 0.3447,
0.3088

 2.0014, 0.4605,
0.2392

269.8364, 0.3428,

 0.6083, 0.5267,

0.3100

0.1979

323.1305, 0.3410,
0.3111

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.0697, 0.3655,
0.2959

49.0697, 0.3655,
0.2959

40.6117, 0.3883,
0.2864

59.3123, 0.3465,
0.3058

33.8280, 0.4151,
0.2781

71.4272, 0.3308,
0.3155

28.6070, 0.4455,
0.2721

85.5050, 0.3180,
0.3248

24.8206, 0.4785,
0.2697

98.5099, 0.3078,
0.3290

■ 22.3195, 0.5120,
0.2720

■ 20.9212, 0.5432,
0.2795

■ 20.4920, 0.5581,
0.2848

Harmonies

Analogous

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



49.0697, 0.3156, 0.2668



49.0697, 0.3655, 0.2959



49.0697, 0.4018, 0.3333

Triad

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



49.0697, 0.3655, 0.2959



49.0697, 0.3525, 0.4190



49.0697, 0.2227, 0.2745

Complementary

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



49.0697, 0.3655, 0.2959



79.0434, 0.2788, 0.3652

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.



49.0697, 0.2308, 0.3143



49.0697, 0.3655, 0.2959



49.0697, 0.3037, 0.4047

Square

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



49.0697, 0.3655, 0.2959



49.0697, 0.3925, 0.4048



49.0697, 0.2595, 0.3638



49.0697, 0.2359, 0.2532

Rectangle

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



49.0697, 0.3655, 0.2959



49.0697, 0.4116, 0.3597



49.0697, 0.2595, 0.3638



49.0697, 0.2230, 0.2859

Sweetspot

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



49.0720, 0.3655, 0.2959



83.7896, 0.3244, 0.3200



46.7264, 0.2908, 0.2355



17.4843, 0.3262, 0.3187



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.



49.0720, 0.3655, 0.2959



45.9755, 0.3817, 0.2889



52.0314, 0.3916, 0.3417



16.5813, 0.3237, 0.3205



10.8645, 0.5538, 0.2824



0.9738, 0.5193, 0.2634

Inverse Universe

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



49.0720, 0.3655, 0.2959



45.9755, 0.3817, 0.2889



74.0052, 0.2617, 0.3158



16.5813, 0.3237, 0.3205



10.8645, 0.5538, 0.2824



0.9738, 0.5193, 0.2634

Previews

White Background



This preview shows how the Yxy color 49.0697, 0.3655, 0.2959 looks on a white background.

Color Contrast Check

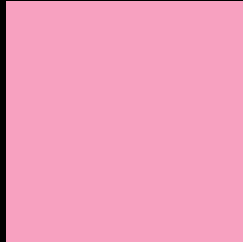
Large Text (above 18pt) WCAG AA × Fail

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 49.0697, 0.3655, 0.2959 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 49.0697, 0.3655, 0.2959

Background



This preview shows how black text looks on a background with the Yxy color 49.0697, 0.3655, 0.2959.



This preview shows how white text looks on a background with the Yxy color 49.0697, 0.3655, 0.2959.

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

49.0697, 0.3655, 0.2959

Protanopia

49.3933, 0.2954, 0.3016

Deuteranopia

49.4184, 0.3252, 0.3193



Tritanopia

49.0980, 0.3784, 0.3161

Trichromacy



Original Color

49.0697, 0.3655, 0.2959



Protanomaly

48.5803, 0.3185, 0.2980



Deuteranomaly

49.0499, 0.3394, 0.3103



Tritanomaly

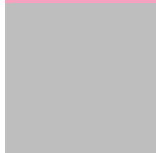
49.1646, 0.3738, 0.3086

Monochromacy



Original Color

49.0697, 0.3655, 0.2959



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.8507, 0.3308, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0697, 0.3655, 0.2959 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(247, 161, 192)` looks like.

```
.text, #text, p{  
    color:rgb(247, 161, 192)  
}
```

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(247, 161, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 161, 192) }
```

Border

The CSS property to change the border of an element to Yxy 49.0697, 0.3655, 0.2959 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(247, 161, 192) }
```

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

```
.border{ border-color:rgb(247, 161, 192) }
```

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

Here you see how a box with a 4 pixel rgb(247, 161, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 161, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 161, 192);  
box-shadow:4px 4px 4px 4px rgb(247, 161,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0697, 0.3655, 0.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 161, 192) }
```

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

```
.background{ background-color: rgb(247,  
161, 192) }
```

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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