

Converting Colors

$Y_{xy}(49.2227, 0.3750, 0.3171)$

Have a look what the booklet for
Yxy(49.2227, 0.3750, 0.3171)
contains.

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Color

Yxy(49.3240, 0.3741, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	F2A6B1
RGB	242, 166, 177
RGB Percent	95%, 65%, 69%
CMY	0.0509, 0.3490, 0.3060
CMYK	0.00, 0.31, 0.27, 0.05
HSL	351°, 75%, 80%
HSV	351°, 31%, 95%
XYZ	58.1902, 49.3240, 48.0330
YIQ	189.9780, 41.7650, 19.5330

Conversions

Conversions Part 2

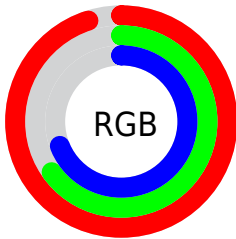
Format	Color
R _Y B	242, 166, 177
Decimal	15902385
CIE Lab	75.65, 29.51, 5.77
CIE LCh	76, 30.067, 11.067
Yxy	49.3240, 0.3741, 0.3171
Android (android.graphics.Color)	4294092465 (0xFFFF2A6B1)
YUV	189.9780, -6.3982, 45.6233
Hunter-Lab	70.2310, 24.9925, 8.6117

Details

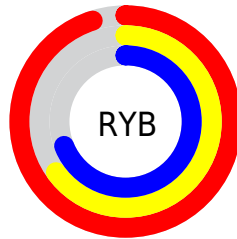
The Yxy color **49.3240, 0.3741, 0.3171** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77.3899, 0.2732, 0.3415**, and the grayscale version is **51.4994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3857, 0.3289, 0.3181**, and **23.4813, 0.3904, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **40.5758, 0.4037, 0.3133**, and if you desaturate by 10%, it is **59.8576, 0.3499, 0.3211**.

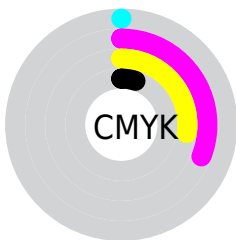
Distribution



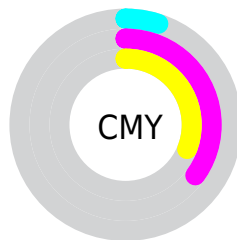
- Red (95%)
- Green (65%)
- Blue (69%)



- Red (95%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (31%)
- Yellow (27%)
- Black (5%)



- Cyan (5%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.3240, 0.3741, 0.3171 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 49.3240, 0.3741, 0.3171 by changing the saturation by 10% instead.

 49.3240, 0.3741,
0.3171

 49.3240, 0.3741,
0.3171


384.0164, 0.3435,
0.3234

 34.8766, 0.3817,
0.3154

 89.1725, 0.3630,
0.3195

 23.5678, 0.3914,
0.3132


 115.3423, 0.3588,
0.3204

 15.0133, 0.4043,
0.3101


146.1884, 0.3553,
0.3211

 8.8287, 0.4221,
0.3057

182.0951, 0.3523,
0.3217

 4.6296, 0.4482,
0.2988

223.4469, 0.3496,
0.3222

 2.0316, 0.4902,
0.2866

270.6281, 0.3473,

 0.6258, 0.6093,

0.3227

0.2705

324.0232, 0.3453,
0.3231

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.3240, 0.3741,
0.3171

49.3240, 0.3741,
0.3171

40.5758, 0.4037,
0.3133

59.8576, 0.3499,
0.3211

33.5074, 0.4392,
0.3101

72.2606, 0.3304,
0.3249

28.0127, 0.4800,
0.3080

86.6204, 0.3147,
0.3285

23.9706, 0.5239,
0.3079

97.6191, 0.3048,
0.3290

■ 21.2425, 0.5665,
0.3103

■ 19.6625, 0.6019,
0.3154

■ 19.0000, 0.6234,
0.3208

Harmonies

Analogous

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



49.3240, 0.3370, 0.2878



49.3240, 0.3741, 0.3171



49.3240, 0.3938, 0.3505

Triad

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



49.3240, 0.3741, 0.3171



49.3240, 0.3261, 0.4001



49.3240, 0.2402, 0.2724

Complementary

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



49.3240, 0.3741, 0.3171



77.3899, 0.2732, 0.3415

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.



49.3240, 0.2379, 0.2988



49.3240, 0.3741, 0.3171



49.3240, 0.2857, 0.3761

Square

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



49.3240, 0.3741, 0.3171



49.3240, 0.3645, 0.4008



49.3240, 0.2539, 0.3372



49.3240, 0.2604, 0.2623

Rectangle

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



49.3240, 0.3741, 0.3171



49.3240, 0.3938, 0.3718



49.3240, 0.2539, 0.3372



49.3240, 0.2374, 0.2795

Sweetspot

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



49.3263, 0.3741, 0.3171



85.0205, 0.3263, 0.3258



50.6095, 0.3070, 0.2486



17.7164, 0.3288, 0.3252



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.



49.3263, 0.3741, 0.3171



48.7296, 0.3933, 0.3145



59.5986, 0.3756, 0.3582



15.7960, 0.3271, 0.3256



10.2178, 0.6205, 0.3192



0.8614, 0.5893, 0.3020

Inverse Universe

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



49.3263, 0.3741, 0.3171



48.7296, 0.3933, 0.3145



63.3280, 0.2640, 0.2976



15.7960, 0.3271, 0.3256



10.2178, 0.6205, 0.3192



0.8614, 0.5893, 0.3020

Previews

White Background



This preview shows how the Yxy color 49.3240, 0.3741, 0.3171 looks on a white background.

Color Contrast Check

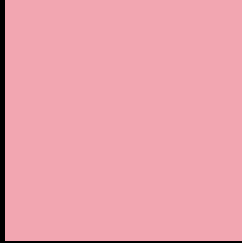
Large Text (above 18pt) WCAG AA × Fail

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 49.3240, 0.3741, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

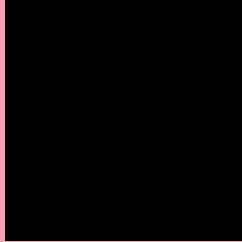
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3240, 0.3741, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 49.3240, 0.3741, 0.3171.



This preview shows how white text looks on a background with the Yxy color 49.3240, 0.3741, 0.3171.

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

49.3240, 0.3741, 0.3171

Protanopia

49.6958, 0.3145, 0.3265

Deuteranopia

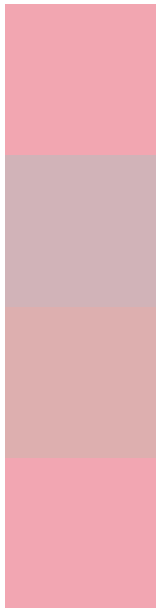
49.2538, 0.3432, 0.3364



Tritanopia

49.3640, 0.3731, 0.3160

Trichromacy



Original Color

49.3240, 0.3741, 0.3171

Protanomaly

49.2562, 0.3349, 0.3230

Deuteranomaly

49.1272, 0.3543, 0.3291

Tritanomaly

49.3640, 0.3731, 0.3160

Monochromacy



Original Color

49.3240, 0.3741, 0.3171

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.1058, 0.3337, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3240, 0.3741, 0.3171 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(242, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(242, 166, 177)  
}
```

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(242, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 166, 177) }
```

Border

The CSS property to change the border of an element to Yxy 49.3240, 0.3741, 0.3171 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(242, 166, 177) }
```

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

```
.border{ border-color:rgb(242, 166, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 166, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 166, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 166, 177); box-shadow:4px 4px 4px 4px rgb(242, 166, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3240, 0.3741, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 166, 177) }
```

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

```
.background{ background-color: rgb(242,  
166, 177) }
```

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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