

Converting Colors

$Yxy(49.3623, 0.3765, 0.3224)$

Have a look what the booklet for
Yxy(49.3623, 0.3765, 0.3224)
contains.

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Color

Yxy(49.3553, 0.3767, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	F1A7AD
RGB	241, 167, 173
RGB Percent	95%, 65%, 68%
CMY	0.0547, 0.3452, 0.3215
CMYK	0.00, 0.31, 0.28, 0.05
HSL	355°, 73%, 80%
HSV	355°, 31%, 95%
XYZ	57.6501, 49.3553, 46.0343
YIQ	189.8100, 42.1780, 17.5540

Conversions

Conversions Part 2

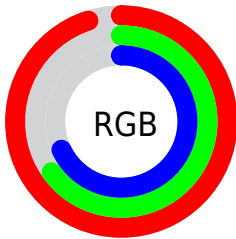
Format	Color
R_{YB}	241, 167, 173
Decimal	15837101
CIE _{Lab}	75.67, 28.11, 7.95
CIE _{LCh}	76, 29.208, 15.788
Yxy	49.3553, 0.3767, 0.3225
Android (android.graphics.Color)	4294027181 (0xFFFF1A7AD)
YUV	189.8100, -8.2873, 44.8936
Hunter-Lab	70.2533, 23.5342, 10.3268

Details

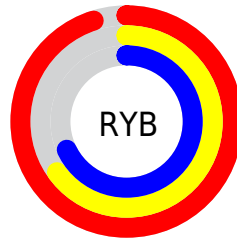
The Yxy color **49.3553, 0.3767, 0.3225** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77.1489, 0.2716, 0.3358**, and the grayscale version is **51.4104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6368, 0.3322, 0.3241**, and **23.4824, 0.3941, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **40.5475, 0.4083, 0.3204**, and if you desaturate by 10%, it is **59.9556, 0.3510, 0.3247**.

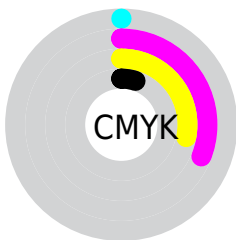
Distribution



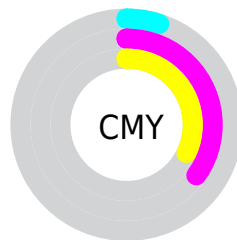
- Red (95%)
- Green (65%)
- Blue (68%)



- Red (95%)
- Yellow (65%)
- Blue (68%)



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3553, 0.3767, 0.3225 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 49.3553, 0.3767, 0.3225 by changing the saturation by 10% instead.


 49.3553, 0.3767,
0.3225

 49.3553, 0.3767,
0.3225


384.1394, 0.3448,
0.3263

 34.9014, 0.3846,
0.3214


 89.2189, 0.3651,
0.3240

 23.5869, 0.3948,
0.3199


 115.3974, 0.3608,
0.3245

 15.0275, 0.4083,
0.3177


146.2530, 0.3571,
0.3250

 8.8387, 0.4269,
0.3144

182.1699, 0.3539,
0.3253

 4.6361, 0.4543,
0.3090

223.5326, 0.3512,
0.3256

 2.0354, 0.4981,
0.2989

270.7255, 0.3488,

 0.6279, 0.6435,

0.3259

0.2961

324.1329, 0.3466,
0.3261

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.3553, 0.3767,
0.3225

49.3553, 0.3767,
0.3225

40.5475, 0.4083,
0.3204

59.9556, 0.3510,
0.3247

33.4267, 0.4462,
0.3187

72.4324, 0.3303,
0.3268

27.8868, 0.4896,
0.3176

86.8729, 0.3138,
0.3289

23.8074, 0.5358,
0.3178

97.4486, 0.3042,
0.3290

■ 21.0502, 0.5794,
0.3196

■ 19.4506, 0.6136,
0.3228

■ 18.7579, 0.6331,
0.3261

Harmonies

Analogous

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



49.3553, 0.3427, 0.2929



49.3553, 0.3767, 0.3225



49.3553, 0.3924, 0.3551

Triad

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



49.3553, 0.3767, 0.3225



49.3553, 0.3194, 0.3957



49.3553, 0.2442, 0.2714

Complementary

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



49.3553, 0.3767, 0.3225



77.1489, 0.2716, 0.3358

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.



49.3553, 0.2391, 0.2948



49.3553, 0.3767, 0.3225



49.3553, 0.2808, 0.3693

Square

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



49.3553, 0.3767, 0.3225



49.3553, 0.3578, 0.4001



49.3553, 0.2520, 0.3308



49.3553, 0.2664, 0.2640

Rectangle

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



49.3553, 0.3767, 0.3225



49.3553, 0.3900, 0.3752



49.3553, 0.2520, 0.3308



49.3553, 0.2405, 0.2775

Sweetspot

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



49.3576, 0.3767, 0.3225



84.9374, 0.3273, 0.3272



51.6250, 0.3112, 0.2513



17.6961, 0.3299, 0.3269



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.



49.3576, 0.3767, 0.3225



49.4676, 0.3962, 0.3211



61.8138, 0.3722, 0.3628



15.7798, 0.3280, 0.3271



10.1754, 0.6311, 0.3250



0.8537, 0.6100, 0.3134

Inverse Universe

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



49.3576, 0.3767, 0.3225



49.4676, 0.3962, 0.3211



60.7519, 0.2643, 0.2924



15.7798, 0.3280, 0.3271



10.1754, 0.6311, 0.3250



0.8537, 0.6100, 0.3134

Previews

White Background



This preview shows how the Yxy color 49.3553, 0.3767, 0.3225 looks on a white background.

Color Contrast Check

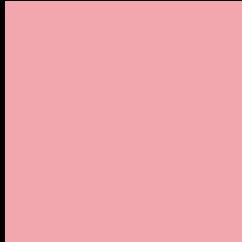
Large Text (above 18pt) WCAG AA × Fail

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 49.3553, 0.3767, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

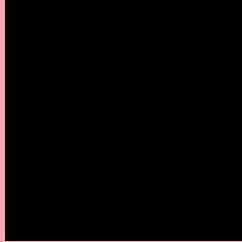
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3553, 0.3767, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 49.3553, 0.3767, 0.3225.



This preview shows how white text looks on a background with the Yxy color 49.3553, 0.3767, 0.3225.

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

49.3553, 0.3767, 0.3225

Protanopia

49.6131, 0.3193, 0.3328

Deuteranopia

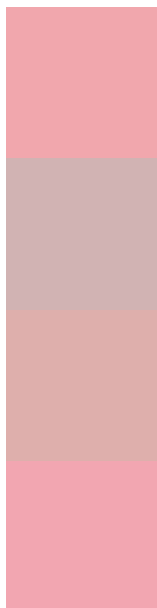
49.4317, 0.3476, 0.3400



Tritanopia

49.4044, 0.3721, 0.3149

Trichromacy



Original Color

49.3553, 0.3767, 0.3225

Protanomaly

49.0502, 0.3392, 0.3291

Deuteranomaly

49.1681, 0.3579, 0.3327

Tritanomaly

49.3240, 0.3741, 0.3171

Monochromacy



Original Color

49.3553, 0.3767, 0.3225

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.4719, 0.3344, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3553, 0.3767, 0.3225 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, 167, 173)` looks like.

```
.text, #text, p{  
    color:rgb(241, 167, 173)  
}
```

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, 167, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 167, 173) }
```

Border

The CSS property to change the border of an element to Yxy 49.3553, 0.3767, 0.3225 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, 167, 173) }
```

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

```
.border{ border-color:rgb(241, 167, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 167, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 167, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 167, 173);  
box-shadow:4px 4px 4px 4px rgb(241, 167,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3553, 0.3767, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 167, 173) }
```

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

```
.background{ background-color: rgb(241,  
167, 173) }
```

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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