

Converting Colors

$Y_{xy}(51.0620, 0.3746, 0.3227)$

Have a look what the booklet for
Yxy(51.0620, 0.3746, 0.3227)
contains.

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Color

Yxy(50.9387, 0.3748, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	F3AAB0
RGB	243, 170, 176
RGB Percent	95%, 67%, 69%
CMY	0.0469, 0.3334, 0.3098
CMYK	0.00, 0.30, 0.28, 0.05
HSL	355°, 75%, 81%
HSV	355°, 30%, 95%
XYZ	59.1811, 50.9387, 47.7807
YIQ	192.5110, 41.5820, 17.3420

Conversions

Conversions Part 2

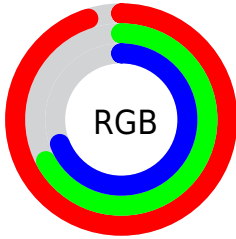
Format	Color
R _Y B	243, 170, 176
Decimal	15968944
CIE Lab	76.64, 27.64, 7.74
CIE LCh	77, 28.704, 15.653
Yxy	50.9387, 0.3748, 0.3226
Android (android.graphics.Color)	4294159024 (0xFFFF3AAB0)
YUV	192.5110, -8.1399, 44.2789
Hunter-Lab	71.3714, 23.1123, 10.2673

Details

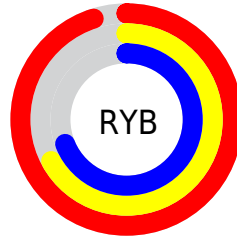
The Yxy color **50.9387, 0.3748, 0.3226** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **78.7835, 0.2724, 0.3357**, and the grayscale version is **53.0584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4789, 0.3291, 0.3231**, and **24.4921, 0.3912, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **41.8449, 0.4060, 0.3205**, and if you desaturate by 10%, it is **61.8666, 0.3495, 0.3248**.

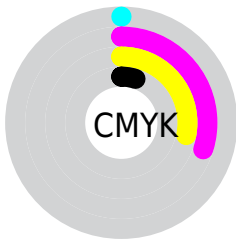
Distribution



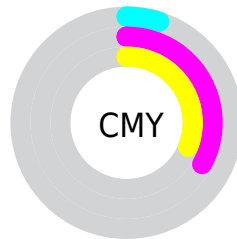
- Red (95%)
- Green (67%)
- Blue (69%)



- Red (95%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (5%)




- Cyan (5%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9387, 0.3748, 0.3226 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 50.9387, 0.3748, 0.3226 by changing the saturation by 10% instead.


 50.9387, 0.3748,
0.3226

 50.9387, 0.3748,
0.3226

390.3256, 0.3440,
0.3263

 36.1598, 0.3824,
0.3215


 91.5642, 0.3637,
0.3241

 24.5577, 0.3921,
0.3201

118.1795, 0.3595,
0.3246

 15.7478, 0.4049,
0.3180


149.5092, 0.3559,
0.3250

 9.3459, 0.4226,
0.3150

185.9375, 0.3528,
0.3253

 4.9675, 0.4484,
0.3099

227.8489, 0.3502,
0.3256

 2.2282, 0.4894,
0.3006

275.6278, 0.3479,

 0.7353, 0.6003,

0.3259

0.2955

329.6586, 0.3458,
0.3261

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.9387, 0.3748,
0.3226

50.9387, 0.3748,
0.3226

41.8449, 0.4060,
0.3205

61.8666, 0.3495,
0.3248

34.4780, 0.4435,
0.3187

74.7138, 0.3291,
0.3270

28.7307, 0.4866,
0.3176

89.5689, 0.3128,
0.3290

24.4809, 0.5327,
0.3177

97.8008, 0.3054,
0.3290

■ 21.5890, 0.5767,
0.3193

■ 19.8893, 0.6117,
0.3225

■ 19.1112, 0.6331,
0.3261

Harmonies

Analogous

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



50.9387, 0.3417, 0.2938



50.9387, 0.3748, 0.3226



50.9387, 0.3902, 0.3544

Triad

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



50.9387, 0.3748, 0.3226



50.9387, 0.3195, 0.3938



50.9387, 0.2459, 0.2730

Complementary

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



50.9387, 0.3748, 0.3226



78.7835, 0.2724, 0.3357

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.



50.9387, 0.2410, 0.2959



50.9387, 0.3748, 0.3226



50.9387, 0.2819, 0.3683

Square

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



50.9387, 0.3748, 0.3226



50.9387, 0.3568, 0.3981



50.9387, 0.2537, 0.3310



50.9387, 0.2675, 0.2656

Rectangle

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



50.9387, 0.3748, 0.3226



50.9387, 0.3880, 0.3739



50.9387, 0.2537, 0.3310



50.9387, 0.2423, 0.2790

Sweetspot

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



50.9411, 0.3748, 0.3226



84.9381, 0.3272, 0.3272



53.2148, 0.3113, 0.2530



17.6963, 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.



50.9411, 0.3748, 0.3226



50.4557, 0.3929, 0.3213



63.4689, 0.3707, 0.3621



16.5046, 0.3281, 0.3271



10.4932, 0.6311, 0.3251



0.9297, 0.6110, 0.3139

Inverse Universe

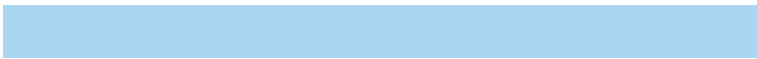
The Inverse Universe completely reimagines the original color for something new.



50.9411, 0.3748, 0.3226



50.4557, 0.3929, 0.3213



62.4056, 0.2653, 0.2933



16.5046, 0.3281, 0.3271



10.4932, 0.6311, 0.3251



0.9297, 0.6110, 0.3139

Previews

White Background



This preview shows how the Yxy color 50.9387, 0.3748, 0.3226 looks on a white background.

Color Contrast Check

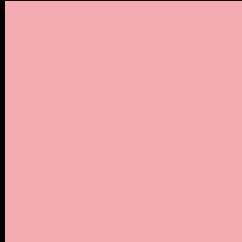
Large Text (above 18pt) WCAG AA × Fail

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 50.9387, 0.3748, 0.3226 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 50.9387, 0.3748, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 50.9387, 0.3748, 0.3226.



This preview shows how white text looks on a background with the Yxy color 50.9387, 0.3748, 0.3226.

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

50.9387, 0.3748, 0.3226

Protanopia

51.4097, 0.3192, 0.3328

Deuteranopia

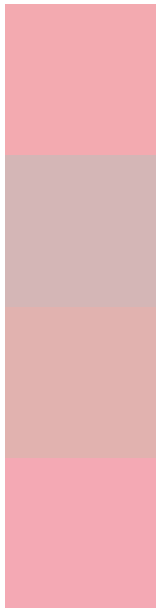
51.2191, 0.3471, 0.3399



Tritanopia

50.9864, 0.3703, 0.3150

Trichromacy



Original Color

50.9387, 0.3748, 0.3226

Protanomaly

50.8303, 0.3387, 0.3291

Deuteranomaly

50.9435, 0.3572, 0.3326

Tritanomaly

50.9043, 0.3722, 0.3172

Monochromacy



Original Color

50.9387, 0.3748, 0.3226

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.1347, 0.3332, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9387, 0.3748, 0.3226 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(243, 170, 176)` looks like.

```
.text, #text, p{  
    color:rgb(243, 170, 176)  
}
```

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(243, 170, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 170, 176) }
```

Border

The CSS property to change the border of an element to Yxy 50.9387, 0.3748, 0.3226 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(243, 170, 176) }
```

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

```
.border{ border-color:rgb(243, 170, 176) }
```

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

Here you see how a box with a 4 pixel rgb(243, 170, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 170, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 170, 176);  
box-shadow:4px 4px 4px 4px rgb(243, 170,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9387, 0.3748, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 170, 176) }
```

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

```
.background{ background-color: rgb(243,  
170, 176) }
```

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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