

Converting Colors

$Y_{xy}(57.6244, 0.3546, 0.3226)$

Have a look what the booklet for
Yxy(57.6244, 0.3546, 0.3226)
contains.

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Color

Yxy(57.6244, 0.3546, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	F1BAC0
RGB	241, 186, 192
RGB Percent	95%, 73%, 75%
CMY	0.0550, 0.2705, 0.2470
CMYK	0.00, 0.23, 0.20, 0.06
HSL	353°, 66%, 84%
HSV	353°, 23%, 94%
XYZ	63.3404, 57.6244, 57.6601
YIQ	203.1290, 30.8540, 13.5260

Conversions

Conversions Part 2

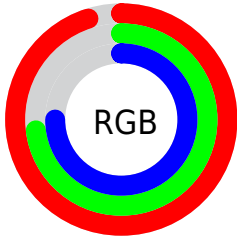
Format	Color
R _Y B	241, 186, 192
Decimal	15841984
CIE Lab	80.53, 20.66, 4.62
CIE LCh	81, 21.170, 12.610
Yxy	57.6244, 0.3546, 0.3226
Android (android.graphics.Color)	4294032064 (0xFFF1BAC0)
YUV	203.1290, -5.4866, 33.2129
Hunter-Lab	75.9107, 16.0977, 8.1021

Details

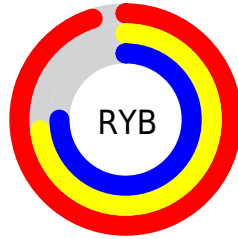
The Yxy color $57.6244, 0.3546, 0.3226$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $79.3266, 0.2821, 0.3356$, and the grayscale version is $59.8275, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.5416, 0.3176, 0.3232$, and $28.8295, 0.3650, 0.3207$ is the 20% darker color. If you saturate the color by 10%, you get $47.4312, 0.3806, 0.3196$, and if you desaturate by 10%, it is $69.6737, 0.3336, 0.3255$.

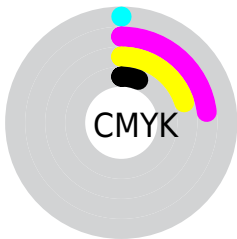
Distribution



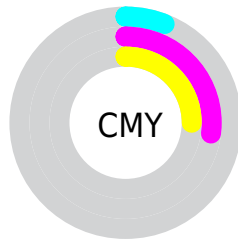
- Red (95%)
- Green (73%)
- Blue (75%)



- Red (95%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (6%)




- Cyan (6%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6244, 0.3546, 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 57.6244, 0.3546, 0.3226 by changing the saturation by 10% instead.


 57.6244, 0.3546,
0.3226

 57.6244, 0.3546,
0.3226


415.7849, 0.3343,
0.3259

 41.5068, 0.3595,
0.3217


 101.3757, 0.3474,
0.3238

 28.7153, 0.3657,
0.3206


129.7781, 0.3446,
0.3243

 18.8655, 0.3737,
0.3191


163.0443, 0.3422,
0.3247

 11.5732, 0.3846,
0.3170

201.5586, 0.3402,
0.3250

 6.4537, 0.4002,
0.3138

245.7054, 0.3384,
0.3253

 3.1229, 0.4244,
0.3084

295.8692, 0.3369,

 1.1962, 0.4662,

0.3255

0.2980

352.4342, 0.3355,
0.3257

0.0586, 0.9052,
0.0948

0.0000, 0.0000,
0.0000

57.6244, 0.3546,
0.3226

57.6244, 0.3546,
0.3226

47.4312, 0.3806,
0.3196

69.6737, 0.3336,
0.3255

38.9942, 0.4124,
0.3168

83.6565, 0.3168,
0.3283

32.2166, 0.4503,
0.3146

97.4342, 0.3041,
0.3290

26.9887, 0.4934,
0.3134

■ 23.1877, 0.5387,
0.3138

■ 20.6721, 0.5809,
0.3162

■ 19.2712, 0.6137,
0.3207

■ 18.7700, 0.6294,
0.3241

Harmonies

Analogous

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



57.6244, 0.3307, 0.3018



57.6244, 0.3546, 0.3226



57.6244, 0.3669, 0.3457

Triad

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



57.6244, 0.3546, 0.3226



57.6244, 0.3209, 0.3750



57.6244, 0.2636, 0.2904

Complementary

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



57.6244, 0.3546, 0.3226



79.3266, 0.2821, 0.3356

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.



57.6244, 0.2614, 0.3084



57.6244, 0.3546, 0.3226



57.6244, 0.2936, 0.3587

Square

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



57.6244, 0.3546, 0.3226



57.6244, 0.3467, 0.3773



57.6244, 0.2721, 0.3336



57.6244, 0.2784, 0.2833

Rectangle

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



57.6244, 0.3546, 0.3226



57.6244, 0.3666, 0.3599



57.6244, 0.2721, 0.3336



57.6244, 0.2614, 0.2953

Sweetspot

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



57.6270, 0.3546, 0.3226



88.1530, 0.3235, 0.3271



59.0613, 0.3104, 0.2714



18.6610, 0.3245, 0.3270



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.



57.6270, 0.3546, 0.3226



60.3208, 0.3651, 0.3213



66.9055, 0.3547, 0.3518



15.7869, 0.3276, 0.3265



10.1916, 0.6270, 0.3228



0.8570, 0.6007, 0.3083

Inverse Universe

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



57.6270, 0.3546, 0.3226



60.3208, 0.3651, 0.3213



67.9251, 0.2771, 0.3051



15.7869, 0.3276, 0.3265



10.1916, 0.6270, 0.3228



0.8570, 0.6007, 0.3083

Previews

White Background



This preview shows how the Yxy color 57.6244, 0.3546, 0.3226 looks on a white background.

Color Contrast Check

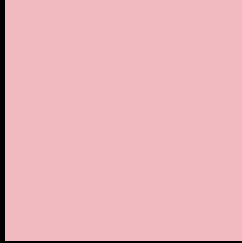
Large Text (above 18pt) WCAG AA × Fail

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 57.6244, 0.3546, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

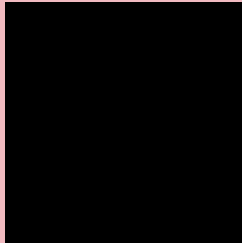
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6244, 0.3546, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 57.6244, 0.3546, 0.3226.



This preview shows how white text looks on a background with the Yxy color 57.6244, 0.3546, 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

57.6244, 0.3546, 0.3226

Protanopia

57.8077, 0.3166, 0.3290

Deuteranopia

57.5895, 0.3389, 0.3314



Tritanopia

57.6987, 0.3498, 0.3140

Trichromacy



Original Color

57.6244, 0.3546, 0.3226

Protanomaly

57.3208, 0.3299, 0.3267

Deuteranomaly

57.4115, 0.3453, 0.3280

Tritanomaly

57.5607, 0.3523, 0.3172

Monochromacy



Original Color

57.6244, 0.3546, 0.3226

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.8077, 0.3272, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6244, 0.3546, 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(241, 186, 192)` looks like.

```
.text, #text, p{  
    color:rgb(241, 186, 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(241, 186, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 186, 192) }
```

Border

The CSS property to change the border of an element to Yxy 57.6244, 0.3546, 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(241, 186, 192) }
```

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

```
.border{ border-color:rgb(241, 186, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 186, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 186, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 186, 192);  
box-shadow:4px 4px 4px 4px rgb(241, 186,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6244, 0.3546, 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(241, 186, 192) }
```

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

```
.background{ background-color: rgb(241,  
186, 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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