

Converting Colors

Yxy(54.6983, 0.3667, 0.3134)

Have a look what the booklet for
Yxy(54.6983, 0.3667, 0.3134)
contains.

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Color

Yxy(54.7016, 0.3667, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	FAAFBE
RGB	250, 175, 190
RGB Percent	98%, 69%, 75%
CMY	0.0197, 0.3137, 0.2548
CMYK	0.00, 0.30, 0.24, 0.02
HSL	348°, 88%, 83%
HSV	348°, 30%, 98%
XYZ	64.0456, 54.7016, 55.9067
YIQ	199.1350, 39.8850, 20.5650

Conversions

Conversions Part 2

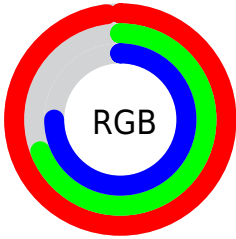
Format	Color
R _Y B	250, 175, 190
Decimal	16428990
CIE Lab	78.87, 29.43, 3.42
CIE LCh	79, 29.628, 6.620
Yxy	54.7016, 0.3667, 0.3132
Android (android.graphics.Color)	4294619070 (0xFFFAAFBE)
YUV	199.1350, -4.5036, 44.6086
Hunter-Lab	73.9605, 25.1399, 6.9551

Details

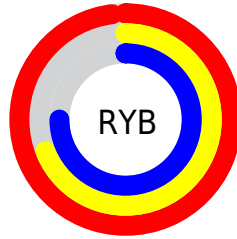
The Yxy color **54.7016, 0.3667, 0.3132** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.4739, 0.2768, 0.3456**, and the grayscale version is **57.2118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0656, 0.3195, 0.3144**, and **26.9317, 0.3806, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **45.0412, 0.3935, 0.3078**, and if you desaturate by 10%, it is **66.2883, 0.3448, 0.3187**.

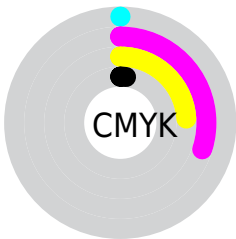
Distribution



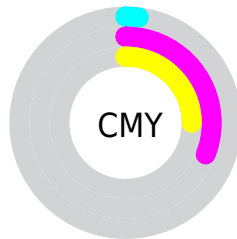
- Red (98%)
- Green (69%)
- Blue (75%)



- Red (98%)
- Yellow (69%)
- Blue (75%)



- Cyan (0%)
- Magenta (30%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7016, 0.3667, 0.3132 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 54.7016, 0.3667, 0.3132 by changing the saturation by 10% instead.

 54.7016, 0.3667,
0.3132

 54.7016, 0.3667,
0.3132


404.7798, 0.3403,
0.3211

 39.1629, 0.3731,
0.3112


 97.1036, 0.3573,
0.3161

 26.8864, 0.3812,
0.3087


124.7357, 0.3537,
0.3172

 17.4880, 0.3918,
0.3053


157.1677, 0.3506,
0.3181

 10.5830, 0.4062,
0.3006

194.7839, 0.3480,
0.3189

 5.7872, 0.4270,
0.2937

237.9689, 0.3457,
0.3196

 2.7161, 0.4593,
0.2826

287.1069, 0.3437,

 0.9854, 0.5164,

0.3201

0.2624

342.5824, 0.3419,
0.3207

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.7016, 0.3667,
0.3132

54.7016, 0.3667,
0.3132

45.0412, 0.3935,
0.3078

66.2883, 0.3448,
0.3187

37.1950, 0.4258,
0.3030

79.8899, 0.3270,
0.3240

31.0512, 0.4632,
0.2996

95.5992, 0.3127,
0.3290

26.4823, 0.5043,
0.2984

99.0611, 0.3096,
0.3290

■ 23.3429, 0.5458,
0.3004

■ 21.4600, 0.5829,
0.3060

■ 20.5523, 0.6113,
0.3141

■ 20.5516, 0.6113,
0.3141

Harmonies

Analogous

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



54.7016, 0.3300, 0.2862



54.7016, 0.3667, 0.3132



54.7016, 0.3885, 0.3450

Triad

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



54.7016, 0.3667, 0.3132



54.7016, 0.3314, 0.3981



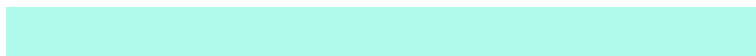
54.7016, 0.2420, 0.2779

Complementary

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



54.7016, 0.3667, 0.3132



83.4739, 0.2768, 0.3456

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.



54.7016, 0.2424, 0.3053



54.7016, 0.3667, 0.3132



54.7016, 0.2925, 0.3783

Square

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



54.7016, 0.3667, 0.3132



54.7016, 0.3667, 0.3957



54.7016, 0.2603, 0.3427



54.7016, 0.2590, 0.2657

Rectangle

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



54.7016, 0.3667, 0.3132



54.7016, 0.3908, 0.3657



54.7016, 0.2603, 0.3427



54.7016, 0.2402, 0.2855

Sweetspot

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



54.7042, 0.3667, 0.3132



85.0950, 0.3255, 0.3245



55.0143, 0.3034, 0.2512



17.7346, 0.3278, 0.3238



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.



54.7042, 0.3667, 0.3132



50.8852, 0.3823, 0.3099



63.0114, 0.3737, 0.3517



17.2820, 0.3262, 0.3243



10.9189, 0.6078, 0.3122



1.0256, 0.5763, 0.2948

Inverse Universe

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



54.7042, 0.3667, 0.3132



50.8852, 0.3823, 0.3099



71.9126, 0.2667, 0.3050



17.2820, 0.3262, 0.3243



10.9189, 0.6078, 0.3122



1.0256, 0.5763, 0.2948

Previews

White Background



This preview shows how the Yxy color 54.7016, 0.3667, 0.3132 looks on a white background.

Color Contrast Check

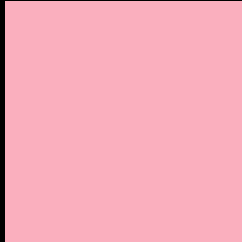
Large Text (above 18pt) WCAG AA × Fail

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 54.7016, 0.3667, 0.3132 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 54.7016, 0.3667, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 54.7016, 0.3667, 0.3132.



This preview shows how white text looks on a background with the Yxy color 54.7016, 0.3667, 0.3132.

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

54.7016, 0.3667, 0.3132

Protanopia

55.1176, 0.3099, 0.3218

Deuteranopia

54.8885, 0.3386, 0.3314



Tritanopia

54.6581, 0.3676, 0.3143

Trichromacy



Original Color

54.7016, 0.3667, 0.3132



Protanomaly

54.5966, 0.3290, 0.3186



Deuteranomaly

54.7348, 0.3490, 0.3246



Tritanomaly

54.6581, 0.3676, 0.3143

Monochromacy



Original Color

54.7016, 0.3667, 0.3132



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.7179, 0.3312, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7016, 0.3667, 0.3132 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(250, 175, 190)` looks like.

```
.text, #text, p{  
    color:rgb(250, 175, 190)  
}
```

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(250, 175, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 175, 190) }
```

Border

The CSS property to change the border of an element to Yxy 54.7016, 0.3667, 0.3132 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(250, 175, 190) }
```

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

```
.border{ border-color:rgb(250, 175, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 175, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 175, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 175, 190);  
box-shadow:4px 4px 4px 4px rgb(250, 175,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7016, 0.3667, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 175, 190) }
```

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

```
.background{ background-color: rgb(250,  
175, 190) }
```

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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