

Converting Colors

$Yxy(52.4521, 0.3706, 0.3267)$

Have a look what the booklet for
Yxy(52.4521, 0.3706, 0.3267)
contains.

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Color

Yxy(52.5350, 0.3706, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F1AFB1
RGB	241, 175, 177
RGB Percent	95%, 69%, 69%
CMY	0.0549, 0.3137, 0.3060
CMYK	0.00, 0.27, 0.27, 0.05
HSL	358°, 70%, 82%
HSV	358°, 27%, 95%
XYZ	59.5397, 52.5350, 48.5828
YIQ	194.9620, 38.6940, 14.6140

Conversions

Conversions Part 2

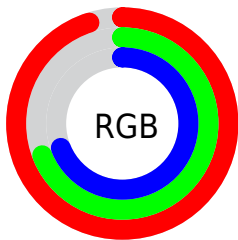
Format	Color
R _Y B	241, 175, 177
Decimal	15839153
CIE Lab	77.60, 24.37, 8.55
CIE LCh	78, 25.828, 19.332
Yxy	52.5350, 0.3706, 0.3270
Android (android.graphics.Color)	4294029233 (0xFFF1AFB1)
YUV	194.9620, -8.8553, 40.3753
Hunter-Lab	72.4810, 19.7873, 10.9956

Details

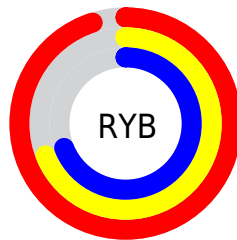
The Yxy color **52.5350, 0.3706, 0.3270** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2609, 0.2738, 0.3311**, and the grayscale version is **54.5865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2950, 0.3280, 0.3271**, and **25.5901, 0.3864, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **43.1242, 0.4020, 0.3263**, and if you desaturate by 10%, it is **63.7846, 0.3453, 0.3278**.

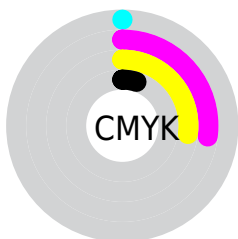
Distribution



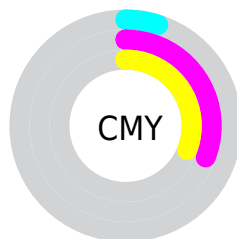
- Red (95%)
- Green (69%)
- Blue (69%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5350, 0.3706, 0.3270 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 52.5350, 0.3706, 0.3270 by changing the saturation by 10% instead.


 52.5350, 0.3706,
0.3270

 52.5350, 0.3706,
0.3270


396.4985, 0.3420,
0.3285

 37.4317, 0.3776,
0.3265


 93.9198, 0.3603,
0.3277

 25.5419, 0.3866,
0.3257


120.9700, 0.3564,
0.3279

 16.4813, 0.3983,
0.3246


152.7714, 0.3531,
0.3280

 9.8653, 0.4145,
0.3228

189.7082, 0.3502,
0.3282

 5.3098, 0.4380,
0.3197

232.1650, 0.3478,
0.3283

 2.4301, 0.4751,
0.3135

280.5260, 0.3456,

 0.8413, 0.5680,

0.3284

335.1757, 0.3437,
0.3285

0.3135

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5350, 0.3706,
0.3270

52.5350, 0.3706,
0.3270

43.1242, 0.4020,
0.3263

63.7846, 0.3453,
0.3278

35.4475, 0.4399,
0.3257

76.9555, 0.3250,
0.3285

29.4014, 0.4840,
0.3253

92.1344, 0.3088,
0.3292

24.8680, 0.5315,
0.3254

97.4412, 0.3041,
0.3290

■ 21.7138, 0.5771,
0.3260

■ 19.7820, 0.6134,
0.3272

■ 18.8679, 0.6345,
0.3287

■ 18.7169, 0.6378,
0.3287

Harmonies

Analogous

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



52.5350, 0.3428, 0.3003



52.5350, 0.3706, 0.3270



52.5350, 0.3820, 0.3555

Triad

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



52.5350, 0.3706, 0.3270



52.5350, 0.3147, 0.3845



52.5350, 0.2544, 0.2774

Complementary

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



52.5350, 0.3706, 0.3270



78.2609, 0.2738, 0.3311

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.



52.5350, 0.2481, 0.2966



52.5350, 0.3706, 0.3270



52.5350, 0.2816, 0.3601

Square

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



52.5350, 0.3706, 0.3270



52.5350, 0.3485, 0.3910



52.5350, 0.2577, 0.3268



52.5350, 0.2756, 0.2723

Rectangle

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



52.5350, 0.3706, 0.3270



52.5350, 0.3784, 0.3724



52.5350, 0.2577, 0.3268



52.5350, 0.2505, 0.2823

Sweetspot

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



52.5375, 0.3706, 0.3270



86.4580, 0.3262, 0.3284



55.3304, 0.3141, 0.2604



17.9958, 0.3290, 0.3283



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.



52.5375, 0.3706, 0.3270



53.3601, 0.3877, 0.3266



65.8455, 0.3635, 0.3624



15.7665, 0.3289, 0.3283



10.1530, 0.6369, 0.3282



0.8473, 0.6286, 0.3237

Inverse Universe

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



52.5375, 0.3706, 0.3270



53.3601, 0.3877, 0.3266



61.6603, 0.2692, 0.2930



15.7665, 0.3289, 0.3283



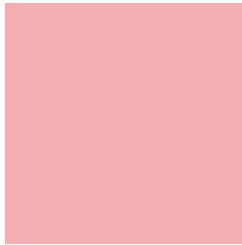
10.1530, 0.6369, 0.3282



0.8473, 0.6286, 0.3237

Previews

White Background



This preview shows how the Yxy color 52.5350, 0.3706, 0.3270 looks on a white background.

Color Contrast Check

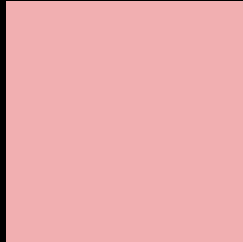
Large Text (above 18pt) WCAG AA × Fail

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 52.5350, 0.3706, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

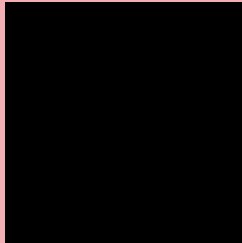
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5350, 0.3706, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 52.5350, 0.3706, 0.3270.



This preview shows how white text looks on a background with the Yxy color 52.5350, 0.3706, 0.3270.

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

52.5350, 0.3706, 0.3270

Protanopia

52.6771, 0.3215, 0.3352

Deuteranopia

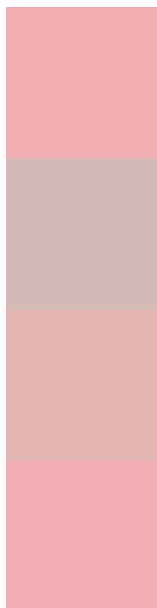
52.5448, 0.3485, 0.3409



Tritanopia

52.3522, 0.3629, 0.3138

Trichromacy



Original Color

52.5350, 0.3706, 0.3270

Protanomaly

52.2630, 0.3383, 0.3315

Deuteranomaly

52.3511, 0.3565, 0.3349

Tritanomaly

52.5682, 0.3663, 0.3193

Monochromacy



Original Color

52.5350, 0.3706, 0.3270

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.5943, 0.3329, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5350, 0.3706, 0.3270 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, 175, 177)` looks like.

```
.text, #text, p{  
    color:rgb(241, 175, 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(241, 175, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 175, 177) }
```

Border

The CSS property to change the border of an element to Yxy 52.5350, 0.3706, 0.3270 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, 175, 177) }
```

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

```
.border{ border-color:rgb(241, 175, 177) }
```

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

Here you see how a box with a 4 pixel rgb(241, 175, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 175, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 175, 177);  
box-shadow:4px 4px 4px 4px rgb(241, 175,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5350, 0.3706, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 175, 177) }
```

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

```
.background{ background-color: rgb(241,  
175, 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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