

Converting Colors

Yxy(53.5367, 0.3563, 0.3142)

Have a look what the booklet for
Yxy(53.5367, 0.3563, 0.3142)
contains.

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Color

Yxy(53.5566, 0.3557, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	EFB1BF
RGB	239, 177, 191
RGB Percent	94%, 69%, 75%
CMY	0.0627, 0.3059, 0.2509
CMYK	0.00, 0.26, 0.20, 0.06
HSL	346°, 66%, 82%
HSV	346°, 26%, 94%
XYZ	60.7271, 53.5566, 56.4419
YIQ	197.1340, 32.4580, 17.4980

Conversions

Conversions Part 2

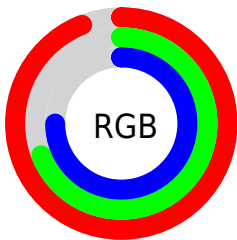
Format	Color
R_{YB}	239, 177, 191
Decimal	15708607
CIE _{Lab}	78.20, 24.60, 1.76
CIE _{LCh}	78, 24.661, 4.086
Yxy	53.5566, 0.3557, 0.3137
Android (android.graphics.Color)	4293898687 (0xFFEFB1BF)
YUV	197.1340, -3.0241, 36.7165
Hunter-Lab	73.1824, 20.0510, 5.5003

Details

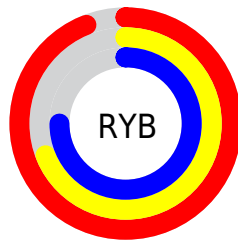
The Yxy color **53.5566, 0.3557, 0.3137** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5205, 0.2822, 0.3450**, and the grayscale version is **55.9263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2532, 0.3187, 0.3154**, and **26.1954, 0.3668, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **44.1661, 0.3795, 0.3075**, and if you desaturate by 10%, it is **64.7084, 0.3363, 0.3198**.

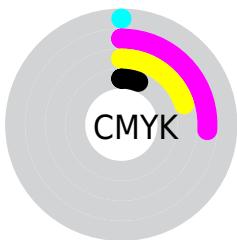
Distribution



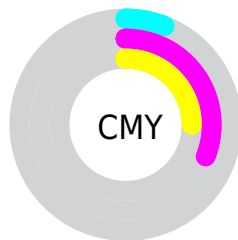
- Red (94%)
- Green (69%)
- Blue (75%)



- Red (94%)
- Yellow (69%)
- Blue (75%)



- Cyan (0%)
- Magenta (26%)
- Yellow (20%)
- Black (6%)




- Cyan (6%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5566, 0.3557, 0.3137 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 53.5566, 0.3557, 0.3137 by changing the saturation by 10% instead.


 53.5566, 0.3557,
0.3137

 53.5566, 0.3557,
0.3137

400.4169, 0.3346,
0.3213

 38.2473, 0.3608,
0.3118


 95.4229, 0.3481,
0.3164

 26.1747, 0.3673,
0.3094


122.7487, 0.3453,
0.3175

 16.9544, 0.3759,
0.3063


154.8487, 0.3429,
0.3184

 10.2020, 0.3875,
0.3019

192.1074, 0.3408,
0.3191

 5.5331, 0.4044,
0.2956

234.9092, 0.3389,
0.3198

 2.5633, 0.4309,
0.2854

283.6385, 0.3373,

 0.9083, 0.4787,

0.3203

0.2669

338.6796, 0.3359,
0.3208

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5566, 0.3557,
0.3137

53.5566, 0.3557,
0.3137

44.1661, 0.3795,
0.3075

64.7084, 0.3363,
0.3198

36.4393, 0.4083,
0.3017

77.6975, 0.3206,
0.3257

30.2806, 0.4422,
0.2970

92.6047, 0.3079,
0.3312

25.5817, 0.4806,
0.2942

97.0923, 0.3029,
0.3290

■ 22.2201, 0.5211,
0.2945

■ 20.0534, 0.5601,
0.2986

■ 18.9058, 0.5927,
0.3065

■ 18.6193, 0.6038,
0.3100

Harmonies

Analogous

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



53.5566, 0.3246, 0.2911



53.5566, 0.3557, 0.3137



53.5566, 0.3752, 0.3407

Triad

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



53.5566, 0.3557, 0.3137



53.5566, 0.3315, 0.3870



53.5566, 0.2523, 0.2877

Complementary

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



53.5566, 0.3557, 0.3137



76.5205, 0.2822, 0.3450

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.



53.5566, 0.2540, 0.3120



53.5566, 0.3557, 0.3137



53.5566, 0.2986, 0.3719

Square

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



53.5566, 0.3557, 0.3137



53.5566, 0.3604, 0.3841



53.5566, 0.2705, 0.3433



53.5566, 0.2656, 0.2759

Rectangle

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



53.5566, 0.3557, 0.3137



53.5566, 0.3784, 0.3584



53.5566, 0.2705, 0.3433



53.5566, 0.2511, 0.2946

Sweetspot

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



53.5591, 0.3557, 0.3137



86.6926, 0.3236, 0.3245



53.6103, 0.3041, 0.2621



18.0544, 0.3259, 0.3236



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.



53.5591, 0.3557, 0.3137



56.1786, 0.3674, 0.3105



59.9036, 0.3637, 0.3473



15.8174, 0.3258, 0.3237



10.3049, 0.6001, 0.3079



0.8719, 0.5638, 0.2880

Inverse Universe

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



53.5591, 0.3557, 0.3137



56.1786, 0.3674, 0.3105



68.0737, 0.2729, 0.3099



15.8174, 0.3258, 0.3237



10.3049, 0.6001, 0.3079



0.8719, 0.5638, 0.2880

Previews

White Background



This preview shows how the Yxy color 53.5566, 0.3557, 0.3137 looks on a white background.

Color Contrast Check

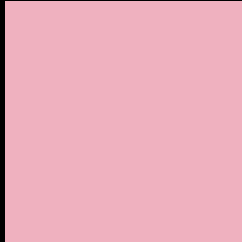
Large Text (above 18pt) WCAG AA × Fail

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 53.5566, 0.3557, 0.3137 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 53.5566, 0.3557, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 53.5566, 0.3557, 0.3137.



This preview shows how white text looks on a background with the Yxy color 53.5566, 0.3557, 0.3137.

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

53.5566, 0.3557, 0.3137

Protanopia

53.9122, 0.3091, 0.3205

Deuteranopia

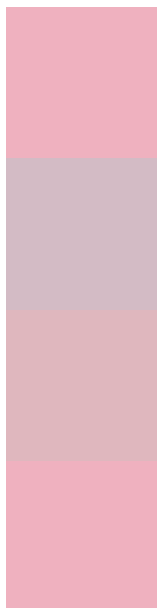
53.5109, 0.3339, 0.3267



Tritanopia

53.5566, 0.3557, 0.3137

Trichromacy



Original Color

53.5566, 0.3557, 0.3137

Protanomaly

53.4207, 0.3249, 0.3173

Deuteranomaly

53.2727, 0.3414, 0.3210

Tritanomaly

53.5566, 0.3557, 0.3137

Monochromacy



Original Color

53.5566, 0.3557, 0.3137

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.7641, 0.3270, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5566, 0.3557, 0.3137 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(239, 177, 191)` looks like.

```
.text, #text, p{  
    color:rgb(239, 177, 191)  
}
```

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(239, 177, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 177, 191) }
```

Border

The CSS property to change the border of an element to Yxy 53.5566, 0.3557, 0.3137 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(239, 177, 191) }
```

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

```
.border{ border-color:rgb(239, 177, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 177, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 177, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 177, 191);  
box-shadow:4px 4px 4px 4px rgb(239, 177,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5566, 0.3557, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 177, 191) }
```

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

```
.background{ background-color: rgb(239,  
177, 191) }
```

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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