

Converting Colors

Yxy(53.4285, 0.3557, 0.3233)

Have a look what the booklet for
Yxy(53.4285, 0.3557, 0.3233)
contains.

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Color

Yxy(53.6377, 0.3559, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	EAB4B9
RGB	234, 180, 185
RGB Percent	92%, 71%, 73%
CMY	0.0824, 0.2941, 0.2744
CMYK	0.00, 0.23, 0.21, 0.08
HSL	354°, 56%, 81%
HSV	354°, 23%, 92%
XYZ	59.0098, 53.6377, 53.1569
YIQ	196.7160, 30.5790, 13.0030

Conversions

Conversions Part 2

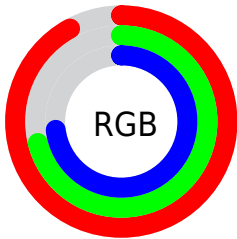
Format	Color
RYB	234, 180, 185
Decimal	15381689
CIELab	78.25, 20.30, 5.02
CIELCh	78, 20.907, 13.889
Yxy	53.6377, 0.3559, 0.3235
Android (android.graphics.Color)	4293571769 (0xFFEAB4B9)
YUV	196.7160, -5.7760, 32.6981
Hunter-Lab	73.2378, 15.6565, 8.2330

Details

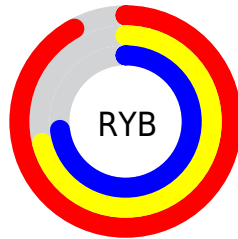
The Yxy color **53.6377, 0.3559, 0.3235** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1999, 0.2814, 0.3347**, and the grayscale version is **55.6782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6018, 0.3223, 0.3241**, and **26.1918, 0.3672, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **44.1456, 0.3825, 0.3210**, and if you desaturate by 10%, it is **64.8632, 0.3345, 0.3260**.

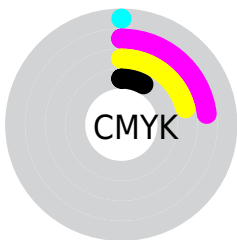
Distribution



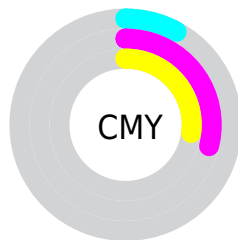
- Red (92%)
- Green (71%)
- Blue (73%)



- Red (92%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (8%)



- Cyan (8%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6377, 0.3559, 0.3235 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 53.6377, 0.3559, 0.3235 by changing the saturation by 10% instead.


 53.6377, 0.3559,
0.3235

 53.6377, 0.3559,
0.3235

400.7269, 0.3347,
0.3265

 38.3121, 0.3611,
0.3227

 95.5421, 0.3483,
0.3246

 26.2250, 0.3677,
0.3217


122.8896, 0.3454,
0.3250

 16.9920, 0.3763,
0.3202


155.0133, 0.3429,
0.3254

 10.2288, 0.3882,
0.3182

192.2974, 0.3408,
0.3256

 5.5509, 0.4054,
0.3150

235.1265, 0.3390,
0.3259

 2.5740, 0.4327,
0.3093

283.8848, 0.3374,

 0.9136, 0.4871,

0.3261

0.3009

338.9568, 0.3360,
0.3263

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6377, 0.3559,
0.3235

53.6377, 0.3559,
0.3235

44.1456, 0.3825,
0.3210

64.8632, 0.3345,
0.3260

36.2937, 0.4150,
0.3186

77.8947, 0.3173,
0.3283

29.9910, 0.4537,
0.3168

92.8096, 0.3035,
0.3305

25.1350, 0.4975,
0.3158

96.2308, 0.2999,
0.3290

■ 21.6104, 0.5432,
0.3163

■ 19.2848, 0.5853,
0.3186

■ 17.9981, 0.6172,
0.3225

■ 17.5479, 0.6314,
0.3252

Harmonies

Analogous

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



53.6377, 0.3321, 0.3023



53.6377, 0.3559, 0.3235



53.6377, 0.3678, 0.3469

Triad

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



53.6377, 0.3559, 0.3235



53.6377, 0.3198, 0.3752



53.6377, 0.2635, 0.2894

Complementary

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



53.6377, 0.3559, 0.3235



74.1999, 0.2814, 0.3347

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.



53.6377, 0.2607, 0.3072



53.6377, 0.3559, 0.3235



53.6377, 0.2923, 0.3581

Square

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



53.6377, 0.3559, 0.3235



53.6377, 0.3461, 0.3780



53.6377, 0.2710, 0.3325



53.6377, 0.2789, 0.2828

Rectangle

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



53.6377, 0.3559, 0.3235



53.6377, 0.3670, 0.3610



53.6377, 0.2710, 0.3325



53.6377, 0.2611, 0.2942

Sweetspot

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



53.6402, 0.3559, 0.3235



88.1361, 0.3236, 0.3274



55.1763, 0.3111, 0.2709



18.6570, 0.3247, 0.3273



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.



53.6402, 0.3559, 0.3235



59.1033, 0.3687, 0.3222



62.8402, 0.3550, 0.3530



15.0768, 0.3278, 0.3268



9.8698, 0.6294, 0.3241



0.7828, 0.6047, 0.3105

Inverse Universe

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



53.6402, 0.3559, 0.3235



59.1033, 0.3687, 0.3222



62.9299, 0.2766, 0.3037



15.0768, 0.3278, 0.3268



9.8698, 0.6294, 0.3241



0.7828, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 53.6377, 0.3559, 0.3235 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 53.6377, 0.3559, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

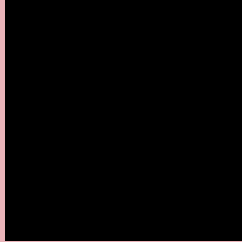
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6377, 0.3559, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 53.6377, 0.3559, 0.3235.



This preview shows how white text looks on a background with the Yxy color 53.6377, 0.3559, 0.3235.

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

53.6377, 0.3559, 0.3235

Protanopia

53.9515, 0.3175, 0.3302

Deuteranopia

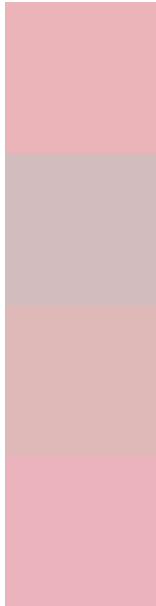
53.6003, 0.3397, 0.3326



Tritanopia

53.7526, 0.3500, 0.3136

Trichromacy



Original Color

53.6377, 0.3559, 0.3235

Protanomaly

53.4894, 0.3312, 0.3279

Deuteranomaly

53.4296, 0.3463, 0.3291

Tritanomaly

53.6201, 0.3527, 0.3169

Monochromacy



Original Color

53.6377, 0.3559, 0.3235

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.8135, 0.3268, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6377, 0.3559, 0.3235 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(234, 180, 185)` looks like.

```
.text, #text, p{  
    color:rgb(234, 180, 185)  
}
```

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(234, 180, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 180, 185) }
```

Border

The CSS property to change the border of an element to Yxy 53.6377, 0.3559, 0.3235 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(234, 180, 185) }
```

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

```
.border{ border-color:rgb(234, 180, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 180, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 180, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 180, 185);  
box-shadow:4px 4px 4px 4px rgb(234, 180,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6377, 0.3559, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 180, 185) }
```

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

```
.background{ background-color: rgb(234,  
180, 185) }
```

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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