

Converting Colors

Yxy(53.9074, 0.3562, 0.3208)

Have a look what the booklet for
Yxy(53.9074, 0.3562, 0.3208)
contains.

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Color

Yxy(54.0632, 0.3559, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	ECB4BB
RGB	236, 180, 187
RGB Percent	93%, 71%, 73%
CMY	0.0745, 0.2941, 0.2665
CMYK	0.00, 0.24, 0.21, 0.07
HSL	352°, 60%, 82%
HSV	352°, 24%, 93%
XYZ	59.8851, 54.0632, 54.3156
YIQ	197.5420, 31.1290, 14.0490

Conversions

Conversions Part 2

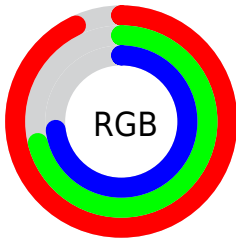
Format	Color
R _Y B	236, 180, 187
Decimal	15512763
CIE Lab	78.50, 21.32, 4.31
CIE LCh	78, 21.754, 11.430
Yxy	54.0632, 0.3559, 0.3213
Android (android.graphics.Color)	4293702843 (0xFFECB4BB)
YUV	197.5420, -5.1972, 33.7277
Hunter-Lab	73.5277, 16.7071, 7.6713

Details

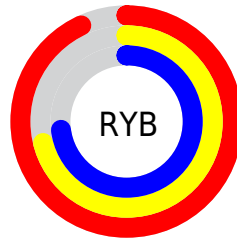
The Yxy color **54.0632, 0.3559, 0.3213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3466, 0.2815, 0.3369**, and the grayscale version is **56.2001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7220, 0.3211, 0.3222**, and **26.4837, 0.3671, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **44.5130, 0.3818, 0.3179**, and if you desaturate by 10%, it is **65.3674, 0.3349, 0.3247**.

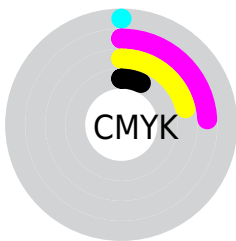
Distribution



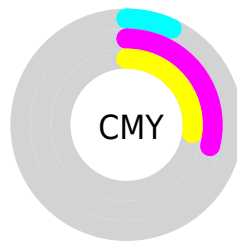
- Red (93%)
- Green (71%)
- Blue (73%)



- Red (93%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (24%)
- Yellow (21%)
- Black (7%)




- Cyan (7%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0632, 0.3559, 0.3213 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 54.0632, 0.3559, 0.3213 by changing the saturation by 10% instead.


 54.0632, 0.3559,
0.3213

 54.0632, 0.3559,
0.3213


402.3510, 0.3347,
0.3253

 38.6522, 0.3611,
0.3203


 96.1670, 0.3483,
0.3228

 26.4893, 0.3676,
0.3189


123.6286, 0.3454,
0.3233

 17.1900, 0.3762,
0.3171


155.8759, 0.3430,
0.3238

 10.3701, 0.3880,
0.3145

193.2932, 0.3409,
0.3242

 5.6450, 0.4050,
0.3106

236.2650, 0.3390,
0.3245

 2.6304, 0.4319,
0.3040

285.1756, 0.3374,

 0.9420, 0.4829,

0.3248

0.2926

340.4095, 0.3360,
0.3251

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0632, 0.3559,
0.3213

54.0632, 0.3559,
0.3213

44.5130, 0.3818,
0.3179

65.3674, 0.3349,
0.3247

36.6220, 0.4135,
0.3147

78.4997, 0.3181,
0.3279

30.2975, 0.4511,
0.3121

93.5387, 0.3046,
0.3308

25.4347, 0.4937,
0.3107

96.5720, 0.3011,
0.3290

■ 21.9161, 0.5383,
0.3112

■ 19.6060, 0.5799,
0.3141

■ 18.3399, 0.6124,
0.3192

■ 17.9241, 0.6265,
0.3225

Harmonies

Analogous

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



54.0632, 0.3304, 0.2998



54.0632, 0.3559, 0.3213



54.0632, 0.3694, 0.3455

Triad

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



54.0632, 0.3559, 0.3213



54.0632, 0.3224, 0.3778



54.0632, 0.2610, 0.2891

Complementary

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



54.0632, 0.3559, 0.3213



75.3466, 0.2815, 0.3369

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.



54.0632, 0.2591, 0.3082



54.0632, 0.3559, 0.3213



54.0632, 0.2937, 0.3611

Square

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



54.0632, 0.3559, 0.3213



54.0632, 0.3493, 0.3794



54.0632, 0.2709, 0.3348



54.0632, 0.2759, 0.2812

Rectangle

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



54.0632, 0.3559, 0.3213



54.0632, 0.3695, 0.3605



54.0632, 0.2709, 0.3348



54.0632, 0.2588, 0.2943

Sweetspot

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



54.0657, 0.3559, 0.3213



88.1706, 0.3233, 0.3268



55.2806, 0.3095, 0.2689



18.6650, 0.3243, 0.3266



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.



54.0657, 0.3559, 0.3213



59.2064, 0.3666, 0.3198



62.6838, 0.3569, 0.3517



15.0849, 0.3273, 0.3261



9.8907, 0.6239, 0.3211



0.7866, 0.5935, 0.3043

Inverse Universe

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



54.0657, 0.3559, 0.3213



59.2064, 0.3666, 0.3198



64.5976, 0.2757, 0.3051



15.0849, 0.3273, 0.3261



9.8907, 0.6239, 0.3211



0.7866, 0.5935, 0.3043

Previews

White Background



This preview shows how the Yxy color 54.0632, 0.3559, 0.3213 looks on a white background.

Color Contrast Check

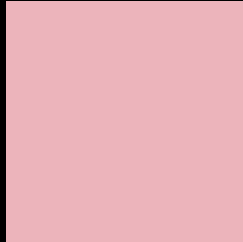
Large Text (above 18pt) WCAG AA × Fail

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 54.0632, 0.3559, 0.3213 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 54.0632, 0.3559, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 54.0632, 0.3559, 0.3213.



This preview shows how white text looks on a background with the Yxy color 54.0632, 0.3559, 0.3213.

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

54.0632, 0.3559, 0.3213

Protanopia

54.5295, 0.3152, 0.3278

Deuteranopia

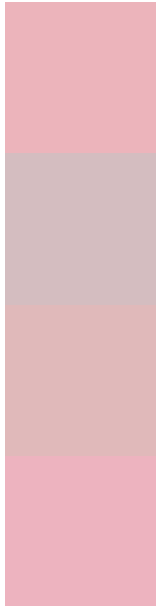
54.2633, 0.3387, 0.3314



Tritanopia

54.0950, 0.3518, 0.3137

Trichromacy



Original Color

54.0632, 0.3559, 0.3213

Protanomaly

54.1980, 0.3295, 0.3255

Deuteranomaly

54.0904, 0.3453, 0.3279

Tritanomaly

54.0063, 0.3535, 0.3159

Monochromacy



Original Color

54.0632, 0.3559, 0.3213

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.1537, 0.3277, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0632, 0.3559, 0.3213 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(236, 180, 187)` looks like.

```
.text, #text, p{  
    color:rgb(236, 180, 187)  
}
```

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(236, 180, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 180, 187) }
```

Border

The CSS property to change the border of an element to Yxy 54.0632, 0.3559, 0.3213 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(236, 180, 187) }
```

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

```
.border{ border-color:rgb(236, 180, 187) }
```

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

Here you see how a box with a 4 pixel rgb(236, 180, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 180, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 180, 187);  
box-shadow:4px 4px 4px 4px rgb(236, 180,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0632, 0.3559, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 180, 187) }
```

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

```
.background{ background-color: rgb(236,  
180, 187) }
```

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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