

Converting Colors

$Yxy(55.3877, 0.3558, 0.3233)$

Have a look what the booklet for
Yxy(55.3877, 0.3558, 0.3233)
contains.

Yxy(55.5023, 0.3553, 0.3236)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.5023, 0.3553, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	EDB7BC
RGB	237, 183, 188
RGB Percent	93%, 72%, 74%
CMY	0.0705, 0.2824, 0.2628
CMYK	0.00, 0.23, 0.21, 0.07
HSL	354°, 60%, 82%
HSV	354°, 23%, 93%
XYZ	60.9393, 55.5023, 55.0735
YIQ	199.7160, 30.5790, 13.0030

Conversions

Conversions Part 2

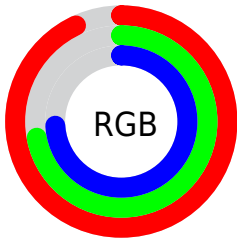
Format	Color
R _Y B	237, 183, 188
Decimal	15579068
CIE Lab	79.33, 20.24, 5.01
CIE LCh	79, 20.851, 13.901
Yxy	55.5023, 0.3553, 0.3236
Android (android.graphics.Color)	4293769148 (0xFFEDB7BC)
YUV	199.7160, -5.7760, 32.6981
Hunter-Lab	74.4999, 15.6345, 8.3202

Details

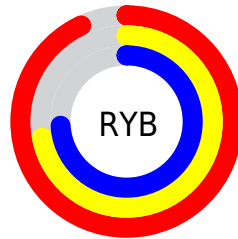
The Yxy color **55.5023, 0.3553, 0.3236** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4738, 0.2817, 0.3345**, and the grayscale version is **57.5990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5247, 0.3202, 0.3242**, and **27.4178, 0.3661, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **45.6773, 0.3818, 0.3211**, and if you desaturate by 10%, it is **67.1170, 0.3340, 0.3261**.

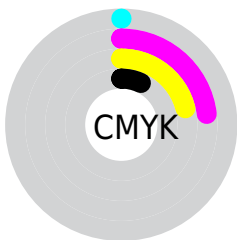
Distribution



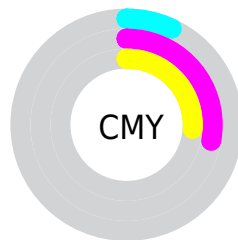
- Red (93%)
- Green (72%)
- Blue (74%)



- Red (93%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5023, 0.3553, 0.3236 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 55.5023, 0.3553, 0.3236 by changing the saturation by 10% instead.

 55.5023, 0.3553,
0.3236

 55.5023, 0.3553,
0.3236


407.8132, 0.3345,
0.3265

 39.8040, 0.3603,
0.3228


 98.2765, 0.3478,
0.3247

 27.3858, 0.3667,
0.3218


126.1212, 0.3450,
0.3251

 17.8632, 0.3751,
0.3205


158.7836, 0.3426,
0.3254

 10.8518, 0.3865,
0.3185

196.6479, 0.3405,
0.3257

 5.9673, 0.4030,
0.3154

240.0986, 0.3387,
0.3259

 2.8252, 0.4287,
0.3102

289.5202, 0.3372,

 1.0412, 0.4759,

0.3261

0.3006

345.2969, 0.3357,
0.3263

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5023, 0.3553,
0.3236

55.5023, 0.3553,
0.3236

45.6773, 0.3818,
0.3211

67.1170, 0.3340,
0.3261

37.5457, 0.4142,
0.3188

80.5961, 0.3169,
0.3284

31.0142, 0.4528,
0.3169

96.0194, 0.3031,
0.3305

25.9770, 0.4966,
0.3159

96.7477, 0.3017,
0.3290

■ 22.3157, 0.5424,
0.3164

■ 19.8940, 0.5846,
0.3186

■ 18.5475, 0.6168,
0.3225

■ 18.0653, 0.6316,
0.3253

Harmonies

Analogous

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



55.5023, 0.3318, 0.3026



55.5023, 0.3553, 0.3236



55.5023, 0.3670, 0.3467

Triad

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



55.5023, 0.3553, 0.3236



55.5023, 0.3197, 0.3745



55.5023, 0.2642, 0.2900

Complementary

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



55.5023, 0.3553, 0.3236



76.4738, 0.2817, 0.3345

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.



55.5023, 0.2614, 0.3075



55.5023, 0.3553, 0.3236



55.5023, 0.2926, 0.3576

Square

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



55.5023, 0.3553, 0.3236



55.5023, 0.3457, 0.3773



55.5023, 0.2715, 0.3324



55.5023, 0.2794, 0.2834

Rectangle

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



55.5023, 0.3553, 0.3236



55.5023, 0.3662, 0.3606



55.5023, 0.2715, 0.3324



55.5023, 0.2618, 0.2947

Sweetspot

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



55.5048, 0.3553, 0.3236



88.1355, 0.3236, 0.3274



57.0738, 0.3111, 0.2716



18.6569, 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.



55.5048, 0.3553, 0.3236



60.2697, 0.3660, 0.3225



64.9013, 0.3544, 0.3527



15.0767, 0.3278, 0.3269



9.8695, 0.6294, 0.3241



0.7827, 0.6049, 0.3106

Inverse Universe

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



55.5048, 0.3553, 0.3236



60.2697, 0.3660, 0.3225



64.9930, 0.2770, 0.3040



15.0767, 0.3278, 0.3269



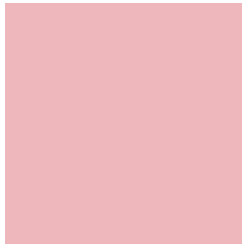
9.8695, 0.6294, 0.3241



0.7827, 0.6049, 0.3106

Previews

White Background



This preview shows how the Yxy color 55.5023, 0.3553, 0.3236 looks on a white background.

Color Contrast Check

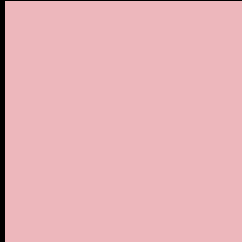
Large Text (above 18pt) WCAG AA × Fail

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 55.5023, 0.3553, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

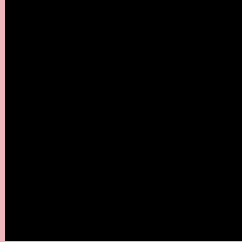
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5023, 0.3553, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 55.5023, 0.3553, 0.3236.



This preview shows how white text looks on a background with the Yxy color 55.5023, 0.3553, 0.3236.

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

55.5023, 0.3553, 0.3236

Protanopia

55.8375, 0.3174, 0.3302

Deuteranopia

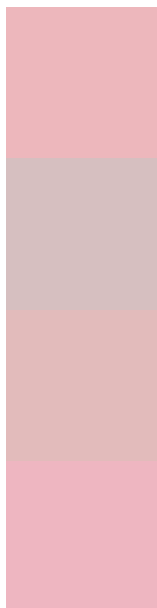
55.6304, 0.3401, 0.3326



Tritanopia

55.6186, 0.3495, 0.3138

Trichromacy



Original Color

55.5023, 0.3553, 0.3236

Protanomaly

55.3635, 0.3309, 0.3279

Deuteranomaly

55.2973, 0.3458, 0.3291

Tritanomaly

55.4833, 0.3521, 0.3170

Monochromacy



Original Color

55.5023, 0.3553, 0.3236

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.7152, 0.3266, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5023, 0.3553, 0.3236 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(237, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(237, 183, 188)  
}
```

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(237, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 183, 188) }
```

Border

The CSS property to change the border of an element to Yxy 55.5023, 0.3553, 0.3236 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(237, 183, 188) }
```

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

```
.border{ border-color:rgb(237, 183, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 183, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(237, 183,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5023, 0.3553, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 183, 188) }
```

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

```
.background{ background-color: rgb(237,  
183, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor