

Converting Colors

Yxy(53.8531, 0.3557, 0.3233)

Have a look what the booklet for
Yxy(53.8531, 0.3557, 0.3233)
contains.

Yxy(53.6801, 0.3551, 0.3224)	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(53.6801, 0.3551, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	EAB4BA
RGB	234, 180, 186
RGB Percent	92%, 71%, 73%
CMY	0.0822, 0.2942, 0.2706
CMYK	0.00, 0.23, 0.21, 0.08
HSL	353°, 56%, 81%
HSV	353°, 23%, 92%
XYZ	59.1247, 53.6801, 53.6968
YIQ	196.8300, 30.2580, 13.3140

Conversions

Conversions Part 2

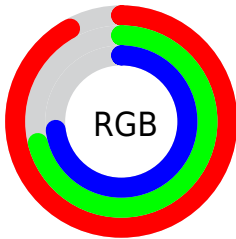
Format	Color
R _Y B	234, 180, 186
Decimal	15381690
CIE Lab	78.27, 20.47, 4.53
CIE LCh	78, 20.960, 12.481
Yxy	53.6801, 0.3551, 0.3224
Android (android.graphics.Color)	4293571770 (0xFFEAB4BA)
YUV	196.8300, -5.3392, 32.5981
Hunter-Lab	73.2667, 15.8290, 7.8334

Details

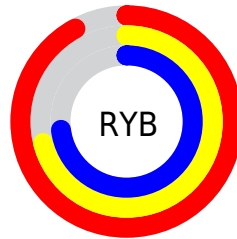
The Yxy color **53.6801, 0.3551, 0.3224** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1730, 0.2819, 0.3358**, and the grayscale version is **55.7486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6617, 0.3217, 0.3232**, and **26.2193, 0.3660, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **44.1968, 0.3811, 0.3194**, and if you desaturate by 10%, it is **64.8924, 0.3341, 0.3254**.

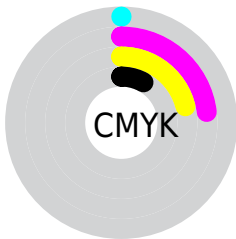
Distribution



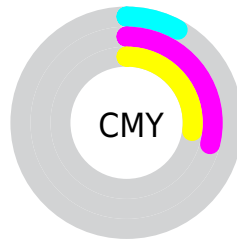
- Red (92%)
- Green (71%)
- Blue (73%)



- 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 53.6801, 0.3551, 0.3224 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 53.6801, 0.3551, 0.3224 by changing the saturation by 10% instead.


 53.6801, 0.3551,
0.3224

 53.6801, 0.3551,
0.3224

400.8890, 0.3343,
0.3259

 38.3460, 0.3602,
0.3215


 95.6044, 0.3476,
0.3237

 26.2513, 0.3666,
0.3203


122.9633, 0.3448,
0.3242

 17.0117, 0.3751,
0.3187


155.0993, 0.3424,
0.3246

 10.2429, 0.3868,
0.3164

192.3968, 0.3403,
0.3249

 5.5603, 0.4036,
0.3128

235.2401, 0.3385,
0.3252

 2.5796, 0.4303,
0.3068

284.0136, 0.3369,

 0.9164, 0.4824,

0.3254

0.2970

339.1018, 0.3355,
0.3257

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6801, 0.3551,
0.3224

53.6801, 0.3551,
0.3224

44.1968, 0.3811,
0.3194

64.8924, 0.3341,
0.3254

36.3496, 0.4130,
0.3166

77.9061, 0.3172,
0.3282

30.0479, 0.4508,
0.3143

92.7982, 0.3037,
0.3308

25.1895, 0.4938,
0.3130

96.2389, 0.3000,
0.3290

■ 21.6597, 0.5390,
0.3135

■ 19.3264, 0.5810,
0.3160

■ 18.0302, 0.6137,
0.3205

■ 17.5736, 0.6288,
0.3238

Harmonies

Analogous

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



53.6801, 0.3308, 0.3014



53.6801, 0.3551, 0.3224



53.6801, 0.3677, 0.3458

Triad

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



53.6801, 0.3551, 0.3224



53.6801, 0.3211, 0.3757



53.6801, 0.2630, 0.2900

Complementary

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



53.6801, 0.3551, 0.3224



74.1730, 0.2819, 0.3358

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.



53.6801, 0.2607, 0.3082



53.6801, 0.3551, 0.3224



53.6801, 0.2935, 0.3592

Square

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



53.6801, 0.3551, 0.3224



53.6801, 0.3473, 0.3779



53.6801, 0.2717, 0.3337



53.6801, 0.2778, 0.2828

Rectangle

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



53.6801, 0.3551, 0.3224



53.6801, 0.3674, 0.3602



53.6801, 0.2717, 0.3337



53.6801, 0.2607, 0.2949

Sweetspot

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



53.6826, 0.3551, 0.3224



88.1552, 0.3234, 0.3271



55.0317, 0.3103, 0.2707



18.6615, 0.3244, 0.3269



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.



53.6826, 0.3551, 0.3224



59.1602, 0.3675, 0.3209



62.4315, 0.3553, 0.3521



15.0813, 0.3275, 0.3264



9.8807, 0.6265, 0.3225



0.7849, 0.5984, 0.3070

Inverse Universe

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



53.6826, 0.3551, 0.3224



59.1602, 0.3675, 0.3209



63.3945, 0.2767, 0.3048



15.0813, 0.3275, 0.3264



9.8807, 0.6265, 0.3225



0.7849, 0.5984, 0.3070

Previews

White Background



This preview shows how the Yxy color 53.6801, 0.3551, 0.3224 looks on a white background.

Color Contrast Check

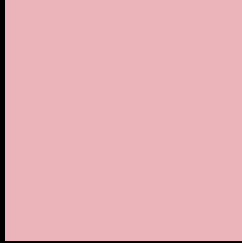
Large Text (above 18pt) WCAG AA × Fail

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 53.6801, 0.3551, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

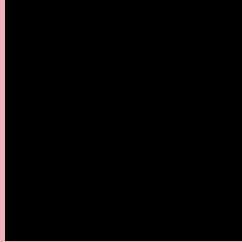
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6801, 0.3551, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 53.6801, 0.3551, 0.3224.



This preview shows how white text looks on a background with the Yxy color 53.6801, 0.3551, 0.3224.

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

53.6801, 0.3551, 0.3224

Protanopia

53.8605, 0.3159, 0.3290

Deuteranopia

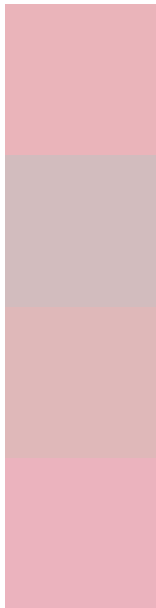
53.6424, 0.3389, 0.3314



Tritanopia

53.7526, 0.3500, 0.3136

Trichromacy



Original Color

53.6801, 0.3551, 0.3224

Protanomaly

53.3858, 0.3295, 0.3267

Deuteranomaly

53.4717, 0.3455, 0.3279

Tritanomaly

53.6201, 0.3527, 0.3169

Monochromacy



Original Color

53.6801, 0.3551, 0.3224

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 53.6801, 0.3551, 0.3224 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(234, 180, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 180, 186) }
```

Border

The CSS property to change the border of an element to Yxy 53.6801, 0.3551, 0.3224 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, 186) }
```

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

```
.border{ border-color:rgb(234, 180, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(234, 180,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6801, 0.3551, 0.3224 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, 186) }
```

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

```
.background{ background-color: rgb(234,  
180, 186) }
```

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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