

Converting Colors

$Y_{xy}(53.2728, 0.3542, 0.3216)$

Have a look what the booklet for
Yxy(53.2728, 0.3542, 0.3216)
contains.

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Color

Yxy(53.1090, 0.3544, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	E9B3BA
RGB	233, 179, 186
RGB Percent	91%, 70%, 73%
CMY	0.0864, 0.2980, 0.2707
CMYK	0.00, 0.23, 0.20, 0.09
HSL	352°, 55%, 81%
HSV	352°, 23%, 91%
XYZ	58.5802, 53.1090, 53.6049
YIQ	195.9440, 29.9370, 13.6250

Conversions

Conversions Part 2

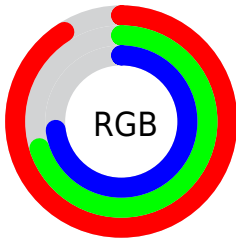
Format	Color
RYB	233, 179, 186
Decimal	15315898
CIELab	77.94, 20.60, 4.04
CIElCh	78, 20.990, 11.102
Yxy	53.1090, 0.3544, 0.3213
Android (android.graphics.Color)	4293505978 (0xFFE9B3BA)
YUV	195.9440, -4.9024, 32.4981
Hunter-Lab	72.8759, 15.9517, 7.4016

Details

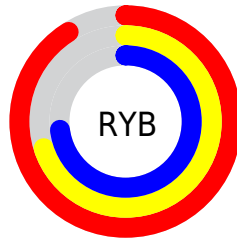
The Yxy color **53.1090, 0.3544, 0.3213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3441, 0.2823, 0.3369**, and the grayscale version is **55.1831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0875, 0.3218, 0.3222**, and **25.8453, 0.3651, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **43.7446, 0.3799, 0.3178**, and if you desaturate by 10%, it is **64.1786, 0.3338, 0.3248**.

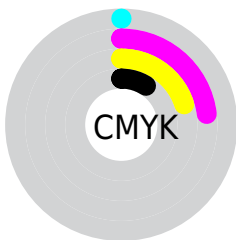
Distribution



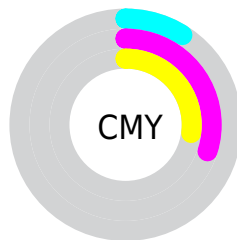
- Red (91%)
- Green (70%)
- Blue (73%)



- Red (91%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1090, 0.3544, 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 53.1090, 0.3544, 0.3213 by changing the saturation by 10% instead.

 53.1090, 0.3544,
0.3213

 53.1090, 0.3544,
0.3213

398.7032, 0.3339,
0.3253

 37.8898, 0.3594,
0.3203


 94.7647, 0.3470,
0.3228

 25.8972, 0.3658,
0.3189


121.9701, 0.3442,
0.3233

 16.7467, 0.3742,
0.3171

153.9395, 0.3419,
0.3238

 10.0541, 0.3857,
0.3146

191.0576, 0.3398,
0.3242

 5.4348, 0.4024,
0.3106

233.7086, 0.3381,
0.3245

 2.5046, 0.4290,
0.3040

282.2769, 0.3365,

 0.8789, 0.4814,

0.3248

0.2934

337.1470, 0.3351,
0.3251

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1090, 0.3544,
0.3213

53.1090, 0.3544,
0.3213

43.7446, 0.3799,
0.3178

64.1786, 0.3338,
0.3248

35.9936, 0.4111,
0.3145

77.0246, 0.3172,
0.3280

29.7670, 0.4481,
0.3118

91.7230, 0.3039,
0.3310

24.9639, 0.4903,
0.3102

96.0602, 0.2993,
0.3290

■ 21.4713, 0.5348,
0.3106

■ 19.1590, 0.5767,
0.3133

■ 17.8701, 0.6100,
0.3184

■ 17.4142, 0.6259,
0.3221

Harmonies

Analogous

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



53.1090, 0.3296, 0.3004



53.1090, 0.3544, 0.3213



53.1090, 0.3677, 0.3448

Triad

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



53.1090, 0.3544, 0.3213



53.1090, 0.3224, 0.3764



53.1090, 0.2623, 0.2904

Complementary

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



53.1090, 0.3544, 0.3213



73.3441, 0.2823, 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.



53.1090, 0.2607, 0.3091



53.1090, 0.3544, 0.3213



53.1090, 0.2946, 0.3604

Square

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



53.1090, 0.3544, 0.3213



53.1090, 0.3485, 0.3779



53.1090, 0.2722, 0.3350



53.1090, 0.2767, 0.2826

Rectangle

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



53.1090, 0.3544, 0.3213



53.1090, 0.3679, 0.3594



53.1090, 0.2722, 0.3350



53.1090, 0.2603, 0.2955

Sweetspot

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



53.1114, 0.3544, 0.3213



88.1741, 0.3232, 0.3268



54.2630, 0.3096, 0.2704



18.6658, 0.3242, 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.



53.1114, 0.3544, 0.3213



59.2168, 0.3664, 0.3196



61.3320, 0.3556, 0.3511



15.0857, 0.3273, 0.3260



9.8931, 0.6233, 0.3207



0.7870, 0.5924, 0.3037

Inverse Universe

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



53.1114, 0.3544, 0.3213



59.2168, 0.3664, 0.3196



63.1536, 0.2767, 0.3058



15.0857, 0.3273, 0.3260



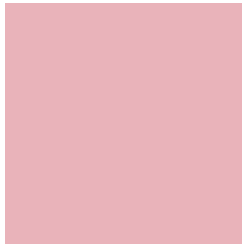
9.8931, 0.6233, 0.3207



0.7870, 0.5924, 0.3037

Previews

White Background



This preview shows how the Yxy color 53.1090, 0.3544, 0.3213 looks on a white background.

Color Contrast Check

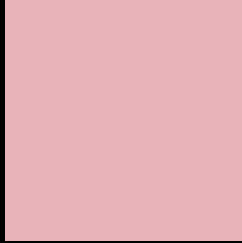
Large Text (above 18pt) WCAG AA × Fail

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 53.1090, 0.3544, 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 53.1090, 0.3544, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 53.1090, 0.3544, 0.3213.



This preview shows how white text looks on a background with the Yxy color 53.1090, 0.3544, 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

53.1090, 0.3544, 0.3213

Protanopia

53.2853, 0.3152, 0.3278

Deuteranopia

53.0677, 0.3382, 0.3303



Tritanopia

53.1390, 0.3502, 0.3135

Trichromacy



Original Color

53.1090, 0.3544, 0.3213

Protanomaly

52.8137, 0.3288, 0.3255

Deuteranomaly

52.8994, 0.3448, 0.3268

Tritanomaly

53.0509, 0.3520, 0.3157

Monochromacy



Original Color

53.1090, 0.3544, 0.3213

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1880, 0.3269, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1090, 0.3544, 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(233, 179, 186)` looks like.

```
.text, #text, p{  
    color:rgb(233, 179, 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(233, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 179, 186) }
```

Border

The CSS property to change the border of an element to Yxy 53.1090, 0.3544, 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(233, 179, 186) }
```

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

```
.border{ border-color:rgb(233, 179, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(233, 179,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1090, 0.3544, 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(233, 179, 186) }
```

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

```
.background{ background-color: rgb(233,  
179, 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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