

Converting Colors

$Yxy(51.0534, 0.3561, 0.3291)$

Have a look what the booklet for
Yxy(51.0534, 0.3561, 0.3291)
contains.

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Color

Yxy(51.2239, 0.3554, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	E2B2B2
RGB	226, 178, 178
RGB Percent	89%, 70%, 70%
CMY	0.1138, 0.3019, 0.3018
CMYK	0.00, 0.21, 0.21, 0.11
HSL	360°, 45%, 79%
HSV	360°, 21%, 89%
XYZ	55.3175, 51.2239, 49.1071
YIQ	192.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

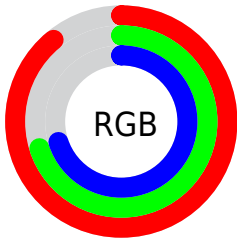
Format	Color
R _Y B	226, 178, 178
Decimal	14856882
CIE Lab	76.81, 17.39, 6.65
CIE LCh	77, 18.622, 20.919
Yxy	51.2239, 0.3554, 0.3291
Android (android.graphics.Color)	4293046962 (0xFFE2B2B2)
YUV	192.3520, -7.0755, 29.5093
Hunter-Lab	71.5709, 12.7144, 9.4188

Details

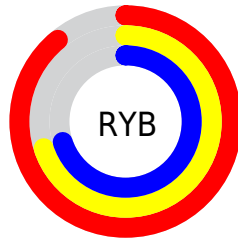
The Yxy color **51.2239, 0.3554, 0.3291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.3357, 0.2812, 0.3289**, and the grayscale version is **52.9598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0462, 0.3270, 0.3290**, and **24.6939, 0.3681, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **42.1274, 0.3837, 0.3292**, and if you desaturate by 10%, it is **61.9558, 0.3327, 0.3290**.

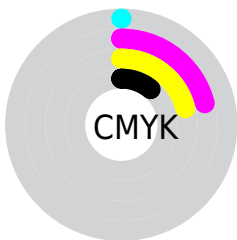
Distribution



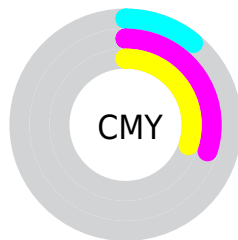
- Red (89%)
- Green (70%)
- Blue (70%)



- Red (89%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (21%)
- Yellow (21%)
- Black (11%)




- Cyan (11%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2239, 0.3554, 0.3291 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 51.2239, 0.3554, 0.3291 by changing the saturation by 10% instead.


 51.2239, 0.3554,
0.3291

 51.2239, 0.3554,
0.3291

391.4331, 0.3342,
0.3294

 36.3868, 0.3606,
0.3289

 91.9856, 0.3478,
0.3293

 24.7331, 0.3673,
0.3287


118.6791, 0.3449,
0.3293

 15.8783, 0.3761,
0.3283


150.0935, 0.3424,
0.3293

 9.4381, 0.3883,
0.3276

186.6132, 0.3403,
0.3293

 5.0280, 0.4062,
0.3262

228.6226, 0.3385,
0.3294

 2.2637, 0.4350,
0.3232

276.5061, 0.3369,

 0.7544, 0.5148,

0.3294

330.6482, 0.3355,
0.3294

0.3295

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.2239, 0.3554,
0.3291

51.2239, 0.3554,
0.3291

42.1274, 0.3837,
0.3292

61.9558, 0.3327,
0.3290

34.5794, 0.4184,
0.3293

74.3903, 0.3147,
0.3290

28.4958, 0.4599,
0.3294

88.5995, 0.3002,
0.3290

23.7817, 0.5066,
0.3295

94.9052, 0.2952,
0.3289

■ 20.3311, 0.5546,
0.3297

■ 18.0222, 0.5971,
0.3298

■ 16.7096, 0.6265,
0.3299

■ 16.1654, 0.6400,
0.3300

Harmonies

Analogous

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



51.2239, 0.3359, 0.3089



51.2239, 0.3554, 0.3291



51.2239, 0.3629, 0.3501

Triad

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



51.2239, 0.3554, 0.3291



51.2239, 0.3132, 0.3680



51.2239, 0.2704, 0.2908

Complementary

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



51.2239, 0.3554, 0.3291



69.3357, 0.2812, 0.3289

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.



51.2239, 0.2650, 0.3048



51.2239, 0.3554, 0.3291



51.2239, 0.2891, 0.3502

Square

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



51.2239, 0.3554, 0.3291



51.2239, 0.3379, 0.3739



51.2239, 0.2716, 0.3266



51.2239, 0.2868, 0.2871

Rectangle

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



51.2239, 0.3554, 0.3291



51.2239, 0.3600, 0.3620



51.2239, 0.2716, 0.3266



51.2239, 0.2672, 0.2944

Sweetspot

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



51.2262, 0.3554, 0.3291



89.6775, 0.3229, 0.3290



53.3715, 0.3145, 0.2763



18.9650, 0.3240, 0.3290



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.



51.2262, 0.3554, 0.3291



62.4045, 0.3658, 0.3291



61.2444, 0.3500, 0.3554



13.7006, 0.3292, 0.3290



9.2244, 0.6400, 0.3299



0.6394, 0.6399, 0.3299

Inverse Universe

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



51.2262, 0.3554, 0.3291



62.4045, 0.3658, 0.3291



57.5709, 0.2793, 0.3011



13.7006, 0.3292, 0.3290



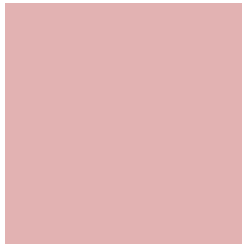
9.2244, 0.6400, 0.3299



0.6394, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 51.2239, 0.3554, 0.3291 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 51.2239, 0.3554, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

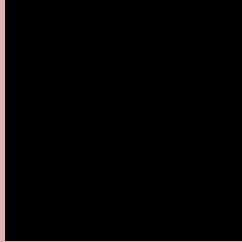
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2239, 0.3554, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 51.2239, 0.3554, 0.3291.



This preview shows how white text looks on a background with the Yxy color 51.2239, 0.3554, 0.3291.

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

51.2239, 0.3554, 0.3291

Protanopia

51.4580, 0.3215, 0.3352

Deuteranopia

51.1874, 0.3437, 0.3363



Tritanopia

51.0993, 0.3462, 0.3131

Trichromacy



Original Color

51.2239, 0.3554, 0.3291

Protanomaly

51.1971, 0.3330, 0.3327

Deuteranomaly

51.1275, 0.3485, 0.3338

Tritanomaly

51.3203, 0.3495, 0.3188

Monochromacy



Original Color

51.2239, 0.3554, 0.3291

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9659, 0.3270, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2239, 0.3554, 0.3291 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(226, 178, 178)` looks like.

```
.text, #text, p{  
  color:rgb(226, 178, 178)  
}
```

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(226, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 178, 178) }
```

Border

The CSS property to change the border of an element to Yxy 51.2239, 0.3554, 0.3291 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(226, 178, 178) }
```

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

```
.border{ border-color:rgb(226, 178, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 178, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 178, 178); box-shadow:4px 4px 4px 4px rgb(226, 178, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2239, 0.3554, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 178, 178) }
```

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

```
.background{ background-color: rgb(226,  
178, 178) }
```

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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