

Converting Colors

$Yxy(51.5005, 0.3550, 0.3286)$

Have a look what the booklet for
Yxy(51.5005, 0.3550, 0.3286)
contains.

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Color

Yxy(51.2642, 0.3546, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	E2B2B3
RGB	226, 178, 179
RGB Percent	89%, 70%, 70%
CMY	0.1137, 0.3019, 0.2981
CMYK	0.00, 0.21, 0.21, 0.11
HSL	359°, 45%, 79%
HSV	359°, 21%, 89%
XYZ	55.4216, 51.2642, 49.6075
YIQ	192.4660, 28.2870, 10.4870

Conversions

Conversions Part 2

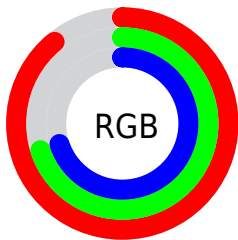
Format	Color
R _Y B	226, 178, 179
Decimal	14856883
CIE Lab	76.84, 17.55, 6.17
CIE LCh	77, 18.605, 19.373
Yxy	51.2642, 0.3546, 0.3280
Android (android.graphics.Color)	4293046963 (0xFFE2B2B3)
YUV	192.4660, -6.6387, 29.4093
Hunter-Lab	71.5990, 12.8706, 9.0401

Details

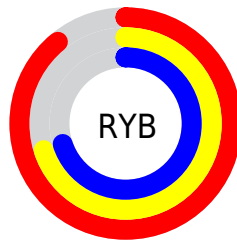
The Yxy color **51.2642, 0.3546, 0.3280** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.3032, 0.2817, 0.3300**, and the grayscale version is **53.0270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1038, 0.3264, 0.3281**, and **24.7196, 0.3668, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **42.1761, 0.3823, 0.3275**, and if you desaturate by 10%, it is **61.9826, 0.3324, 0.3285**.

Distribution



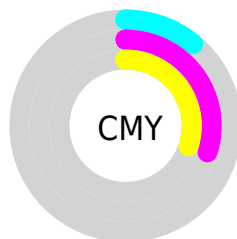
- Red (89%)
- Green (70%)
- Blue (70%)



- 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 51.2642, 0.3546, 0.3280 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 51.2642, 0.3546, 0.3280 by changing the saturation by 10% instead.

 51.2642, 0.3546,
0.3280

 51.2642, 0.3546,
0.3280


391.5894, 0.3338,
0.3288

 36.4189, 0.3597,
0.3277


 92.0452, 0.3471,
0.3283

 24.7579, 0.3663,
0.3273


118.7497, 0.3443,
0.3285

 15.8968, 0.3749,
0.3267


150.1760, 0.3419,
0.3285

 9.4511, 0.3869,
0.3258

186.7086, 0.3398,
0.3286

 5.0366, 0.4044,
0.3240

228.7319, 0.3380,
0.3287

 2.2688, 0.4326,
0.3205

276.6301, 0.3365,

 0.7571, 0.5079,

0.3287

0.3240

330.7878, 0.3351,
0.3288

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.2642, 0.3546,
0.3280

51.2642, 0.3546,
0.3280

42.1761, 0.3823,
0.3275

61.9826, 0.3324,
0.3285

34.6318, 0.4163,
0.3271

74.3981, 0.3147,
0.3289

28.5477, 0.4570,
0.3268

88.5825, 0.3005,
0.3294

23.8294, 0.5029,
0.3267

94.9107, 0.2952,
0.3289

■ 20.3715, 0.5506,
0.3269

■ 18.0530, 0.5934,
0.3276

■ 16.7296, 0.6240,
0.3285

■ 16.1807, 0.6384,
0.3291

Harmonies

Analogous

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



51.2642, 0.3347, 0.3080



51.2642, 0.3546, 0.3280



51.2642, 0.3628, 0.3491

Triad

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



51.2642, 0.3546, 0.3280



51.2642, 0.3145, 0.3686



51.2642, 0.2698, 0.2913

Complementary

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



51.2642, 0.3546, 0.3280



69.3032, 0.2817, 0.3300

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.



51.2642, 0.2651, 0.3058



51.2642, 0.3546, 0.3280



51.2642, 0.2902, 0.3513

Square

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



51.2642, 0.3546, 0.3280



51.2642, 0.3390, 0.3737



51.2642, 0.2724, 0.3278



51.2642, 0.2857, 0.2871

Rectangle

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



51.2642, 0.3546, 0.3280



51.2642, 0.3604, 0.3612



51.2642, 0.2724, 0.3278



51.2642, 0.2669, 0.2951

Sweetspot

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



51.2665, 0.3546, 0.3280



89.6955, 0.3227, 0.3287



53.2470, 0.3139, 0.2762



18.9693, 0.3238, 0.3287



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.



51.2665, 0.3546, 0.3280



62.4605, 0.3648, 0.3278



60.8828, 0.3503, 0.3545



13.7050, 0.3289, 0.3286



9.2321, 0.6378, 0.3287



0.6415, 0.6312, 0.3251

Inverse Universe

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



51.2665, 0.3546, 0.3280



62.4605, 0.3648, 0.3278



57.9567, 0.2793, 0.3021



13.7050, 0.3289, 0.3286



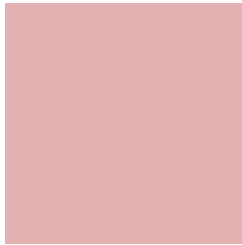
9.2321, 0.6378, 0.3287



0.6415, 0.6312, 0.3251

Previews

White Background



This preview shows how the Yxy color 51.2642, 0.3546, 0.3280 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 51.2642, 0.3546, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

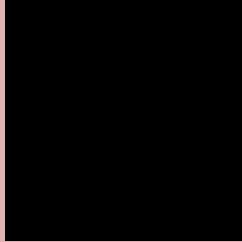
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2642, 0.3546, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 51.2642, 0.3546, 0.3280.



This preview shows how white text looks on a background with the Yxy color 51.2642, 0.3546, 0.3280.

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

51.2642, 0.3546, 0.3280

Protanopia

51.3673, 0.3199, 0.3340

Deuteranopia

51.2275, 0.3428, 0.3351



Tritanopia

51.0993, 0.3462, 0.3131

Trichromacy



Original Color

51.2642, 0.3546, 0.3280

Protanomaly

51.2386, 0.3322, 0.3315

Deuteranomaly

51.1675, 0.3476, 0.3326

Tritanomaly

51.3203, 0.3495, 0.3188

Monochromacy



Original Color

51.2642, 0.3546, 0.3280

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 51.2642, 0.3546, 0.3280 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(226, 178, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 178, 179) }
```

Border

The CSS property to change the border of an element to Yxy 51.2642, 0.3546, 0.3280 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, 179) }
```

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

```
.border{ border-color:rgb(226, 178, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 178, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 178, 179);  
box-shadow:4px 4px 4px 4px rgb(226, 178,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2642, 0.3546, 0.3280 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, 179) }
```

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

```
.background{ background-color: rgb(226,  
178, 179) }
```

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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