

Converting Colors

Yxy(51.5317, 0.3630, 0.3291)

Have a look what the booklet for
Yxy(51.5317, 0.3630, 0.3291)
contains.

Yxy(51.3411, 0.3631, 0.3292)	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(51.3411, 0.3631, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	E8B0B0
RGB	232, 176, 176
RGB Percent	91%, 69%, 69%
CMY	0.0904, 0.3097, 0.3099
CMYK	0.00, 0.24, 0.24, 0.09
HSL	0°, 55%, 80%
HSV	0°, 24%, 91%
XYZ	56.6280, 51.3411, 47.9880
YIQ	192.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

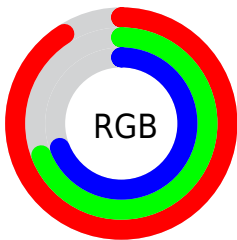
Format	Color
R_{YB}	232, 176, 176
Decimal	15249584
CIE _{Lab}	76.89, 20.36, 7.94
CIE _{LCh}	77, 21.856, 21.316
Yxy	51.3411, 0.3631, 0.3292
Android (android.graphics.Color)	4293439664 (0xFFE8B0B0)
YUV	192.7440, -8.2548, 34.4275
Hunter-Lab	71.6527, 15.6786, 10.4486

Details

The Yxy color **51.3411, 0.3631, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72.7128, 0.2772, 0.3288**, and the grayscale version is **53.2044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7994, 0.3285, 0.3290**, and **24.7351, 0.3763, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **42.1750, 0.3933, 0.3293**, and if you desaturate by 10%, it is **62.2203, 0.3389, 0.3291**.

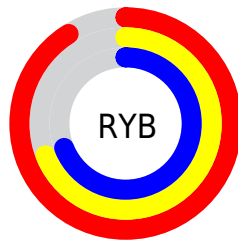
Distribution



Red (91%)

Green (69%)

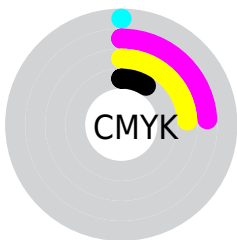
Blue (69%)



Red (91%)

Yellow (69%)

Blue (69%)

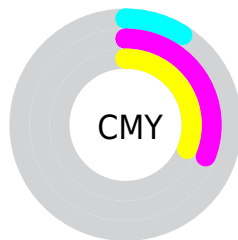


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3411, 0.3631, 0.3292 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 51.3411, 0.3631, 0.3292 by changing the saturation by 10% instead.


 51.3411, 0.3631,
0.3292

 51.3411, 0.3631,
0.3292


391.8876, 0.3381,
0.3295

 36.4801, 0.3693,
0.3290


 92.1588, 0.3541,
0.3294

 24.8052, 0.3771,
0.3287


118.8843, 0.3507,
0.3295

 15.9320, 0.3875,
0.3281


150.3334, 0.3478,
0.3295

 9.4761, 0.4019,
0.3271

186.8906, 0.3453,
0.3295

 5.0530, 0.4229,
0.3252

228.9402, 0.3431,
0.3295

 2.2784, 0.4566,
0.3211

276.8667, 0.3413,

 0.7622, 0.5528,

0.3295

0.3288

331.0543, 0.3396,
0.3295

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3411, 0.3631,
0.3292

51.3411, 0.3631,
0.3292

42.1750, 0.3933,
0.3293

62.2203, 0.3389,
0.3291

34.6282, 0.4301,
0.3294

74.8861, 0.3195,
0.3290

28.6086, 0.4734,
0.3296

89.4163, 0.3041,
0.3290

24.0122, 0.5212,
0.3297

95.8884, 0.2987,
0.3290

■ 20.7220, 0.5684,
0.3299

■ 18.6022, 0.6076,
0.3300

■ 17.4877, 0.6320,
0.3300

■ 17.1527, 0.6400,
0.3300

Harmonies

Analogous

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



51.3411, 0.3403, 0.3058



51.3411, 0.3631, 0.3292



51.3411, 0.3717, 0.3536

Triad

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



51.3411, 0.3631, 0.3292



51.3411, 0.3127, 0.3749



51.3411, 0.2635, 0.2842

Complementary

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



51.3411, 0.3631, 0.3292



72.7128, 0.2772, 0.3288

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.



51.3411, 0.2571, 0.3002



51.3411, 0.3631, 0.3292



51.3411, 0.2846, 0.3537

Square

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



51.3411, 0.3631, 0.3292



51.3411, 0.3417, 0.3818



51.3411, 0.2646, 0.3255



51.3411, 0.2826, 0.2803

Rectangle

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



51.3411, 0.3631, 0.3292



51.3411, 0.3681, 0.3676



51.3411, 0.2646, 0.3255



51.3411, 0.2598, 0.2882

Sweetspot

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



51.3435, 0.3631, 0.3292



88.0473, 0.3247, 0.3291



54.0146, 0.3155, 0.2691



18.6366, 0.3258, 0.3291



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.



51.3435, 0.3631, 0.3292



57.6921, 0.3774, 0.3293



63.4525, 0.3559, 0.3602



14.3700, 0.3293, 0.3291



9.5276, 0.6400, 0.3300



0.7048, 0.6398, 0.3302

Inverse Universe

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



72.7128, 0.2772, 0.3288



88.5294, 0.2706, 0.3288



58.2217, 0.2744, 0.2956



16.3342, 0.2982, 0.3289



35.2136, 0.2246, 0.3285



2.6029, 0.2246, 0.3285

Previews

White Background



This preview shows how the Yxy color 51.3411, 0.3631, 0.3292 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 51.3411, 0.3631, 0.3292 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 51.3411, 0.3631, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 51.3411, 0.3631, 0.3292.



This preview shows how white text looks on a background with the Yxy color 51.3411, 0.3631, 0.3292.

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

51.3411, 0.3631, 0.3292

Protanopia

51.4162, 0.3223, 0.3365

Deuteranopia

51.2583, 0.3462, 0.3387



Tritanopia

51.2266, 0.3537, 0.3134

Trichromacy



Original Color

51.3411, 0.3631, 0.3292

Protanomaly

50.9862, 0.3366, 0.3339

Deuteranomaly

51.1098, 0.3531, 0.3350

Tritanomaly

51.4443, 0.3571, 0.3190

Monochromacy



Original Color

51.3411, 0.3631, 0.3292

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3939, 0.3295, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3411, 0.3631, 0.3292 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(232, 176, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 176, 176)  
}
```

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(232, 176, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 176, 176) }
```

Border

The CSS property to change the border of an element to Yxy 51.3411, 0.3631, 0.3292 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(232, 176, 176) }
```

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

```
.border{ border-color:rgb(232, 176, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 176, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 176, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 176, 176);  
box-shadow:4px 4px 4px 4px rgb(232, 176,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3411, 0.3631, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 176, 176) }
```

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

```
.background{ background-color: rgb(232,  
176, 176) }
```

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