

Converting Colors

Yxy(51.4634, 0.3211, 0.3442)

Have a look what the booklet for
Yxy(51.4634, 0.3211, 0.3442)
contains.

Yxy(51.4634, 0.3211, 0.3442)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.4634, 0.3211, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	BEBFB3
RGB	190, 191, 179
RGB Percent	75%, 75%, 70%
CMY	0.2547, 0.2510, 0.2981
CMYK	0.00, 0.00, 0.06, 0.25
HSL	65°, 9%, 73%
HSV	65°, 6%, 75%
XYZ	48.0096, 51.4634, 50.0430
YIQ	189.3330, 3.2560, -3.9440

Conversions

Conversions Part 2

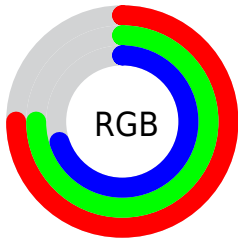
Format	Color
RYB	179, 191, 180
Decimal	12500915
CIELab	76.96, -2.49, 5.93
CIELCh	77, 6.430, 112.747
Yxy	51.4634, 0.3211, 0.3442
Android (android.graphics.Color)	4290690995 (0xFFBEBFB3)
YUV	189.3330, -5.0942, 0.5850
Hunter-Lab	71.7380, -6.0830, 8.8571

Details

The Yxy color **51.4634, 0.3211, 0.3442** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6916, 0.3041, 0.3134**, and the grayscale version is **51.1218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1125, 0.3192, 0.3409**, and **25.0017, 0.3240, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **50.5523, 0.3347, 0.3692**, and if you desaturate by 10%, it is **52.4880, 0.3079, 0.3203**.

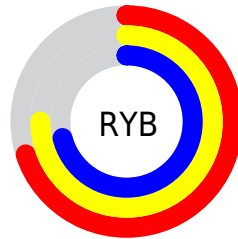
Distribution



Red (75%)

Green (75%)

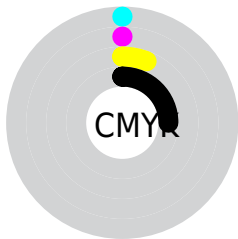
Blue (70%)



Red (70%)

Yellow (75%)

Blue (71%)

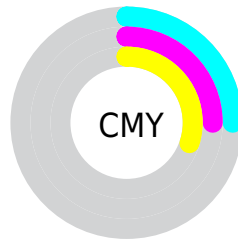


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (25%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4634, 0.3211, 0.3442 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 51.4634, 0.3211, 0.3442 by changing the saturation by 10% instead.

 51.4634, 0.3211,
0.3442

 51.4634, 0.3211,
0.3442


392.3615, 0.3170,
0.3367

 36.5775, 0.3221,
0.3461


 92.3394, 0.3196,
0.3415

 24.8806, 0.3234,
0.3484


119.0983, 0.3191,
0.3405

 15.9881, 0.3250,
0.3515


150.5837, 0.3186,
0.3396

 9.5157, 0.3273,
0.3559

187.1799, 0.3182,
0.3389

 5.0791, 0.3306,
0.3623

229.2715, 0.3178,
0.3382

 2.2937, 0.3359,
0.3726

277.2426, 0.3175,

 0.7704, 0.3598,

0.3376

0.4128

331.4779, 0.3172,
0.3371

0.0000, 0.0000,
0.0000

51.4634, 0.3211,
0.3442

51.4634, 0.3211,
0.3442

50.5523, 0.3347,
0.3692

52.4880, 0.3079,
0.3203

49.7436, 0.3484,
0.3946

53.6236, 0.2953,
0.2977

49.0350, 0.3617,
0.4197

54.8762, 0.2835,
0.2768

48.4213, 0.3740,
0.4436

56.2250, 0.2728,
0.2579

47.8970, 0.3848,
0.4652

56.4284, 0.2738,
0.2581

■ 47.4562, 0.3936,
0.4837

■ 56.6339, 0.2748,
0.2583

■ 47.0919, 0.4001,
0.4983

■ 56.8414, 0.2759,
0.2585

■ 46.7962, 0.4039,
0.5085

■ 57.0510, 0.2769,
0.2587

■ 46.5588, 0.4053,
0.5145

■ 57.2626, 0.2780,
0.2589

Harmonies

Analogous

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



51.4634, 0.3275, 0.3424



51.4634, 0.3211, 0.3442



51.4634, 0.3126, 0.3418

Triad

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



51.4634, 0.3211, 0.3442



51.4634, 0.2959, 0.3206



51.4634, 0.3213, 0.3224

Complementary

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



51.4634, 0.3211, 0.3442



45.6916, 0.3041, 0.3134

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.



51.4634, 0.3127, 0.3167



51.4634, 0.3211, 0.3442



51.4634, 0.2981, 0.3156

Square

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



51.4634, 0.3211, 0.3442



51.4634, 0.2981, 0.3280



51.4634, 0.3043, 0.3142



51.4634, 0.3276, 0.3298

Rectangle

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



51.4634, 0.3211, 0.3442



51.4634, 0.3068, 0.3381



51.4634, 0.3043, 0.3142



51.4634, 0.3186, 0.3202

Sweetspot

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



51.4656, 0.3211, 0.3442



92.9376, 0.3154, 0.3339



46.8862, 0.3231, 0.3301



20.4123, 0.3153, 0.3336



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.4656, 0.3211, 0.3442



91.8673, 0.3236, 0.3487



50.7265, 0.3162, 0.3444



11.0812, 0.3252, 0.3518



30.5634, 0.4057, 0.5161



1.2087, 0.4092, 0.5133

Inverse Universe

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



45.6916, 0.3041, 0.3134



78.6617, 0.3014, 0.3086



46.4090, 0.3090, 0.3137



9.2604, 0.2996, 0.3054



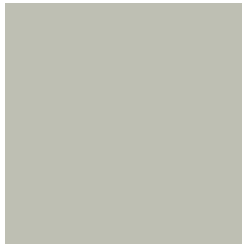
2.5538, 0.1529, 0.0616



0.1124, 0.1640, 0.0677

Previews

White Background



This preview shows how the Yxy color 51.4634, 0.3211, 0.3442 looks on a white background.

Color Contrast Check

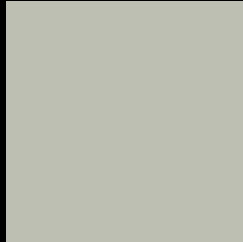
Large Text (above 18pt) WCAG AA × Fail

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 51.4634, 0.3211, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

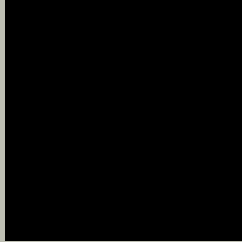
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

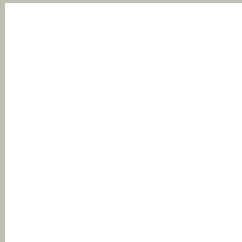
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4634, 0.3211, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 51.4634, 0.3211, 0.3442.



This preview shows how white text looks on a background with the Yxy color 51.4634, 0.3211, 0.3442.

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

51.4634, 0.3211, 0.3442

Protanopia

51.3453, 0.3271, 0.3428

Deuteranopia

51.1593, 0.3402, 0.3327



Tritanopia

51.7000, 0.3070, 0.3119

Trichromacy



Original Color

51.4634, 0.3211, 0.3442

Protanomaly

51.5106, 0.3253, 0.3441

Deuteranomaly

51.2505, 0.3328, 0.3364

Tritanomaly

51.6277, 0.3122, 0.3228

Monochromacy



Original Color

51.4634, 0.3211, 0.3442

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1485, 0.3157, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4634, 0.3211, 0.3442 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(190, 191, 179)` looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 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(190, 191, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 179) }
```

Border

The CSS property to change the border of an element to Yxy 51.4634, 0.3211, 0.3442 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(190, 191, 179) }
```

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

```
.border{ border-color:rgb(190, 191, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 191, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 191, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 191, 179);  
box-shadow:4px 4px 4px 4px rgb(190, 191,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4634, 0.3211, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 179) }
```

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

```
.background{ background-color: rgb(190,  
191, 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](#).

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