

Converting Colors

$Yxy(51.9729, 0.3112, 0.3552)$

Have a look what the booklet for
Yxy(51.9729, 0.3112, 0.3552)
contains.

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Color

Yxy(51.8446, 0.3115, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	B0C4B0
RGB	176, 196, 176
RGB Percent	69%, 77%, 69%
CMY	0.3098, 0.2313, 0.3099
CMYK	0.10, 0.00, 0.10, 0.23
HSL	120°, 15%, 73%
HSV	120°, 10%, 77%
XYZ	45.4790, 51.8446, 48.6764
YIQ	187.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

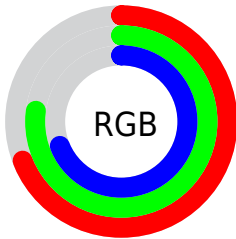
Format	Color
R _{YB}	176, 196, 196
Decimal	11584688
CIE Lab	77.19, -10.60, 7.74
CIE LCh	77, 13.123, 143.845
Yxy	51.8446, 0.3115, 0.3551
Android (android.graphics.Color)	4289774768 (0xFFB0C4B0)
YUV	187.7400, -5.7878, -10.2960
Hunter-Lab	72.0032, -13.2606, 10.3204

Details

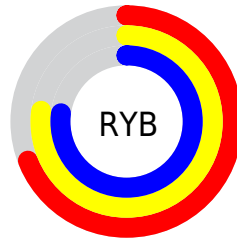
The Yxy color **51.8446, 0.3115, 0.3551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7664, 0.3139, 0.3042**, and the grayscale version is **50.1703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2326, 0.3117, 0.3503**, and **25.0122, 0.3101, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **49.0050, 0.3101, 0.3842**, and if you desaturate by 10%, it is **55.1302, 0.3127, 0.3295**.

Distribution



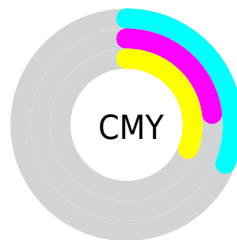
- Red (69%)
- Green (77%)
- Blue (69%)



- Red (69%)
- Yellow (77%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)





- Cyan (31%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8446, 0.3115, 0.3551 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 51.8446, 0.3115, 0.3551 by changing the saturation by 10% instead.


 51.8446, 0.3115,
0.3551

 51.8446, 0.3115,
0.3551


393.8364, 0.3122,
0.3421

 36.8812, 0.3113,
0.3584


 92.9020, 0.3118,
0.3504

 25.1155, 0.3110,
0.3625


119.7648, 0.3119,
0.3486

 16.1632, 0.3106,
0.3681

151.3630, 0.3120,
0.3471

 9.6397, 0.3100,
0.3759

188.0807, 0.3120,
0.3458

 5.1607, 0.3089,
0.3875

230.3026, 0.3121,
0.3447

 2.3419, 0.3069,
0.4068

278.4129, 0.3121,


 0.7957, 0.3075,


0.3437


0.4916


332.7960, 0.3122,
0.3428


 0.0000, 0.0000,
0.0000


 51.8446, 0.3115,
0.3551


 51.8446, 0.3115,
0.3551

 49.0050, 0.3101,
0.3842


 55.1302, 0.3127,
0.3295


 46.5859, 0.3086,
0.4164

 58.8729, 0.3137,
0.3073


 44.5693, 0.3070,
0.4512

 63.0916, 0.3146,
0.2881

 42.9335, 0.3053,
0.4869

 67.8022, 0.3154,
0.2717

 41.6545, 0.3037,
0.5214

 67.9630, 0.3154,
0.2712

■ 40.7057, 0.3023,
0.5521

■ 40.0568, 0.3011,
0.5762

■ 39.6719, 0.3004,
0.5919

■ 39.4837, 0.3000,
0.6000

Harmonies

Analogous

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



51.8446, 0.3290, 0.3602



51.8446, 0.3115, 0.3551



51.8446, 0.2947, 0.3423

Triad

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



51.8446, 0.3115, 0.3551



51.8446, 0.2836, 0.3015



51.8446, 0.3435, 0.3308

Complementary

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



51.8446, 0.3115, 0.3551



46.7664, 0.3139, 0.3042

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.



51.8446, 0.3307, 0.3161



51.8446, 0.3115, 0.3551



51.8446, 0.2960, 0.2994

Square

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



51.8446, 0.3115, 0.3551



51.8446, 0.2788, 0.3110



51.8446, 0.3132, 0.3047



51.8446, 0.3478, 0.3456

Rectangle

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



51.8446, 0.3115, 0.3551



51.8446, 0.2860, 0.3315



51.8446, 0.3132, 0.3047



51.8446, 0.3400, 0.3257

Sweetspot

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



51.8468, 0.3115, 0.3551



98.0956, 0.3124, 0.3364



54.2034, 0.3278, 0.3535



20.8903, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



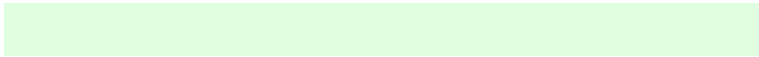
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8468, 0.3115, 0.3551



92.8374, 0.3112, 0.3606



52.2424, 0.3045, 0.3423



11.2591, 0.3116, 0.3528



25.3681, 0.3000, 0.6000



1.0962, 0.3001, 0.5999

Inverse Universe

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



46.7664, 0.3139, 0.3042



82.0035, 0.3141, 0.2993



46.3412, 0.3218, 0.3161



10.2473, 0.3138, 0.3063



10.0928, 0.3208, 0.1541



0.4362, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 51.8446, 0.3115, 0.3551 looks on a white background.

Color Contrast Check

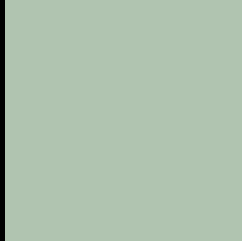
Large Text (above 18pt) WCAG AA × Fail

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 51.8446, 0.3115, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

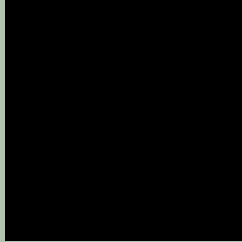
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

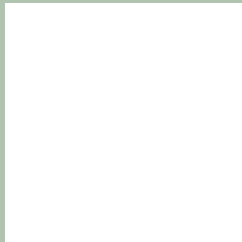
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8446, 0.3115, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 51.8446, 0.3115, 0.3551.



This preview shows how white text looks on a background with the Yxy color 51.8446, 0.3115, 0.3551.

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

51.8446, 0.3115, 0.3551

Protanopia

51.8498, 0.3326, 0.3502

Deuteranopia

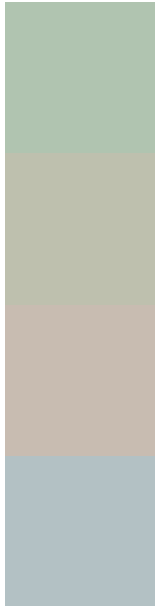
51.6415, 0.3426, 0.3363



Tritanopia

52.0280, 0.2932, 0.3103

Trichromacy



Original Color

51.8446, 0.3115, 0.3551

Protanomaly

51.7024, 0.3248, 0.3519

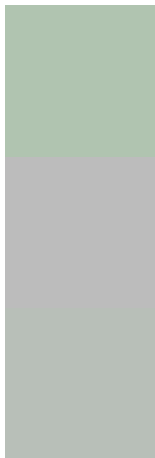
Deuteranomaly

51.4201, 0.3315, 0.3427

Tritanomaly

51.7092, 0.2995, 0.3252

Monochromacy



Original Color

51.8446, 0.3115, 0.3551

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.9126, 0.3123, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8446, 0.3115, 0.3551 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(176, 196, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 196, 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(176, 196, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 196, 176) }
```

Border

The CSS property to change the border of an element to Yxy 51.8446, 0.3115, 0.3551 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(176, 196, 176) }
```

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

```
.border{ border-color:rgb(176, 196, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 196, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 196, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 196, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 196,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8446, 0.3115, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 196, 176) }
```

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

```
.background{ background-color: rgb(176,  
196, 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](#).

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