

Converting Colors

$Yxy(60.1228, 0.3173, 0.3691)$

Have a look what the booklet for
Yxy(60.1228, 0.3173, 0.3691)
contains.

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Color

Yxy(60.3677, 0.3175, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	BBD3B2
RGB	187, 211, 178
RGB Percent	73%, 83%, 70%
CMY	0.2665, 0.1726, 0.3019
CMYK	0.11, 0.00, 0.16, 0.17
HSL	104°, 27%, 76%
HSV	104°, 16%, 83%
XYZ	51.8300, 60.3677, 51.0465
YIQ	200.0620, -3.7110, -15.3510

Conversions

Conversions Part 2

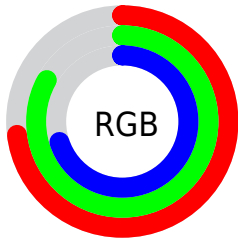
Format	Color
R_{YB}	178, 211, 202
Decimal	12309426
CIE _{Lab}	82.04, -14.08, 13.66
CIE _{LCh}	82, 19.621, 135.872
Yxy	60.3677, 0.3175, 0.3698
Android (android.graphics.Color)	4290499506 (0xFFBBD3B2)
YUV	200.0620, -10.8766, -11.4554
Hunter-Lab	77.6967, -16.8950, 15.4343

Details

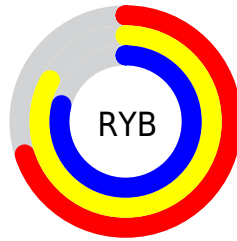
The Yxy color **60.3677, 0.3175, 0.3698** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1032, 0.3070, 0.2897**, and the grayscale version is **57.8738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5152, 0.3174, 0.3498**, and **30.3259, 0.3191, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **57.7548, 0.3202, 0.3993**, and if you desaturate by 10%, it is **63.3227, 0.3145, 0.3429**.

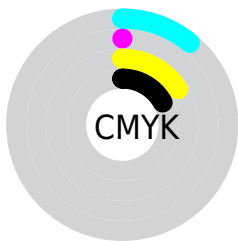
Distribution



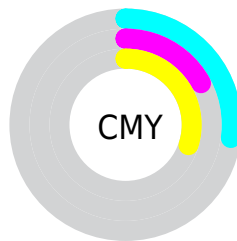
- Red (73%)
- Green (83%)
- Blue (70%)



- Red (70%)
- Yellow (83%)
- Blue (79%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (17%)




- Cyan (27%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3677, 0.3175, 0.3698 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 60.3677, 0.3175, 0.3698 by changing the saturation by 10% instead.


 60.3677, 0.3175,
0.3698

 60.3677, 0.3175,
0.3698


425.9518, 0.3155,
0.3498

 43.7151, 0.3179,
0.3747


 105.3629, 0.3168,
0.3626

 30.4466, 0.3184,
0.3808


134.4742, 0.3166,
0.3599

 20.1778, 0.3189,
0.3890


168.5073, 0.3163,
0.3576

 12.5244, 0.3196,
0.4000

207.8464, 0.3161,
0.3556

 7.1018, 0.3201,
0.4161

252.8760, 0.3159,
0.3539

 3.5259, 0.3203,
0.4413

303.9805, 0.3157,

 1.4121, 0.3266,

0.3524

0.4984

361.5443, 0.3156,
0.3510

0.2256, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.3677, 0.3175,
0.3698

60.3677, 0.3175,
0.3698

57.7548, 0.3202,
0.3993

63.3227, 0.3145,
0.3429

55.4637, 0.3225,
0.4309

66.6236, 0.3113,
0.3188

53.4838, 0.3239,
0.4637

70.2843, 0.3082,
0.2974

51.8011, 0.3244,
0.4963

73.8285, 0.3100,
0.2854

■ 50.4003, 0.3236,
0.5268

■ 75.0667, 0.3147,
0.2861

■ 49.2645, 0.3214,
0.5531

■ 48.3749, 0.3179,
0.5734

■ 47.7096, 0.3134,
0.5867

■ 47.4767, 0.3114,
0.5909

Harmonies

Analogous

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



60.3677, 0.3416, 0.3734



60.3677, 0.3175, 0.3698



60.3677, 0.2928, 0.3538

Triad

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



60.3677, 0.3175, 0.3698



60.3677, 0.2687, 0.2926



60.3677, 0.3527, 0.3255

Complementary

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



60.3677, 0.3175, 0.3698



49.1032, 0.3070, 0.2897

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.



60.3677, 0.3318, 0.3059



60.3677, 0.3175, 0.3698



60.3677, 0.2834, 0.2871

Square

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



60.3677, 0.3175, 0.3698



60.3677, 0.2654, 0.3081



60.3677, 0.3063, 0.2921



60.3677, 0.3625, 0.3467

Rectangle

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



60.3677, 0.3175, 0.3698



60.3677, 0.2793, 0.3387



60.3677, 0.3063, 0.2921



60.3677, 0.3467, 0.3186

Sweetspot

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



60.3703, 0.3175, 0.3698



97.4909, 0.3143, 0.3415



59.1409, 0.3376, 0.3570



20.7939, 0.3145, 0.3433



0.0000, 0.0000, 0.0000



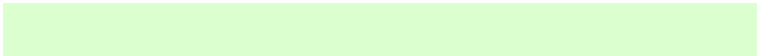
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3703, 0.3175, 0.3698



91.1866, 0.3185, 0.3801



59.5629, 0.3060, 0.3614



13.3604, 0.3156, 0.3527



28.6972, 0.3123, 0.5902



1.6443, 0.3262, 0.5792

Inverse Universe

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



49.1032, 0.3070, 0.2897



70.4619, 0.3054, 0.2803



50.0472, 0.3203, 0.2986



11.8398, 0.3095, 0.3058



6.9973, 0.2531, 0.1168



0.4294, 0.2660, 0.1239

Previews

White Background



This preview shows how the Yxy color 60.3677, 0.3175, 0.3698 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 60.3677, 0.3175, 0.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

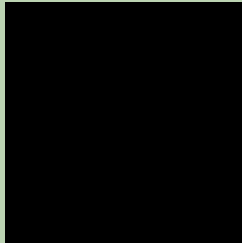
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

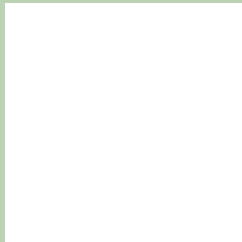
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3677, 0.3175, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 60.3677, 0.3175, 0.3698.



This preview shows how white text looks on a background with the Yxy color 60.3677, 0.3175, 0.3698.

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

60.3677, 0.3175, 0.3698

Protanopia

60.0640, 0.3429, 0.3631

Deuteranopia

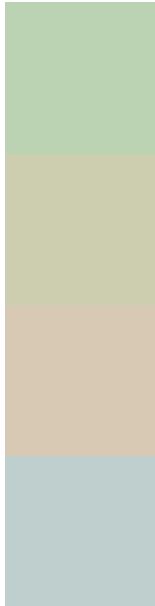
59.9719, 0.3539, 0.3459



Tritanopia

60.3524, 0.2937, 0.3103

Trichromacy



Original Color

60.3677, 0.3175, 0.3698

Protanomaly

60.0751, 0.3335, 0.3662

Deuteranomaly

59.6675, 0.3403, 0.3535

Tritanomaly

60.1098, 0.3022, 0.3314

Monochromacy



Original Color

60.3677, 0.3175, 0.3698

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.5936, 0.3143, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3677, 0.3175, 0.3698 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(187, 211, 178)` looks like.

```
.text, #text, p{  
    color:rgb(187, 211, 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(187, 211, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 211, 178) }
```

Border

The CSS property to change the border of an element to Yxy 60.3677, 0.3175, 0.3698 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(187, 211, 178) }
```

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

```
.border{ border-color:rgb(187, 211, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 211, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 211, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 211, 178);  
box-shadow:4px 4px 4px 4px rgb(187, 211,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3677, 0.3175, 0.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 211, 178) }
```

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

```
.background{ background-color: rgb(187,  
211, 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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