

Converting Colors

$Yxy(61.3859, 0.3095, 0.3508)$

Have a look what the booklet for
Yxy(61.3859, 0.3095, 0.3508)
contains.

Yxy(61.3859, 0.3095, 0.3508)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.3859, 0.3095, 0.3508)

Conversions

Conversions Part 1

Format	Color
Hex	BED3C1
RGB	190, 211, 193
RGB Percent	75%, 83%, 76%
CMY	0.2548, 0.1726, 0.2431
CMYK	0.10, 0.00, 0.09, 0.17
HSL	129°, 19%, 79%
HSV	129°, 10%, 83%
XYZ	54.1589, 61.3859, 59.4435
YIQ	202.6690, -6.7380, -10.0500

Conversions

Conversions Part 2

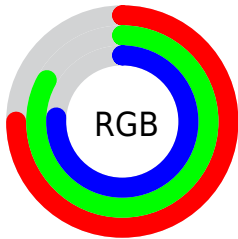
Format	Color
RYB	190, 208, 211
Decimal	12506049
CIELab	82.59, -10.42, 6.52
CIELCh	83, 12.287, 147.976
Yxy	61.3859, 0.3095, 0.3508
Android (android.graphics.Color)	4290696129 (0xFFBED3C1)
YUV	202.6690, -4.7668, -11.1107
Hunter-Lab	78.3492, -13.7228, 9.8611

Details

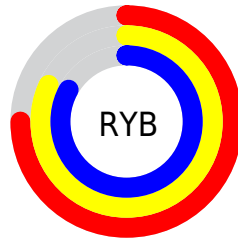
The Yxy color **61.3859, 0.3095, 0.3508** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2415, 0.3161, 0.3081**, and the grayscale version is **59.5397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9524, 0.3106, 0.3348**, and **30.9887, 0.3086, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **58.1055, 0.3062, 0.3756**, and if you desaturate by 10%, it is **65.1638, 0.3127, 0.3289**.

Distribution



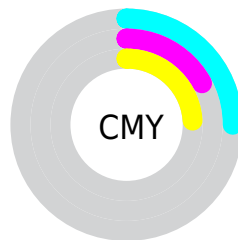
- Red (75%)
- Green (83%)
- Blue (76%)



- Red (75%)
- Yellow (82%)
- Blue (83%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)





- Cyan (25%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3859, 0.3095, 0.3508 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 61.3859, 0.3095, 0.3508 by changing the saturation by 10% instead.

 61.3859, 0.3095,
0.3508

 61.3859, 0.3095,
0.3508

429.6875, 0.3111,
0.3402

 44.5367, 0.3091,
0.3533


 106.8375, 0.3101,
0.3470

 31.0926, 0.3086,
0.3566

136.2086, 0.3103,
0.3456

 20.6694, 0.3079,
0.3607

170.5226, 0.3105,
0.3444

 12.8826, 0.3069,
0.3664

210.1637, 0.3107,
0.3433

 7.3477, 0.3055,
0.3746

255.5163, 0.3108,
0.3424

 3.6805, 0.3032,
0.3873

306.9649, 0.3109,

 1.4965, 0.2988,

0.3416

0.4097

364.8938, 0.3110,
0.3409

0.2863, 0.0585,
0.9415

0.0000, 0.0000,
0.0000

61.3859, 0.3095,
0.3508

61.3859, 0.3095,
0.3508

58.1055, 0.3062,
0.3756

65.1638, 0.3127,
0.3289

55.2944, 0.3030,
0.4033

69.4506, 0.3158,
0.3097

52.9334, 0.2999,
0.4333

74.2671, 0.3187,
0.2931

50.9991, 0.2974,
0.4649

75.0682, 0.3147,
0.2861

■ 49.4655, 0.2955,
0.4968

■ 48.3044, 0.2944,
0.5271

■ 47.4833, 0.2945,
0.5537

■ 46.9645, 0.2955,
0.5748

■ 46.6828, 0.2971,
0.5893

Harmonies

Analogous

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



61.3859, 0.3252, 0.3564



61.3859, 0.3095, 0.3508



61.3859, 0.2950, 0.3389

Triad

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



61.3859, 0.3095, 0.3508



61.3859, 0.2880, 0.3040



61.3859, 0.3409, 0.3326

Complementary

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



61.3859, 0.3095, 0.3508



55.2415, 0.3161, 0.3081

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.



61.3859, 0.3305, 0.3192



61.3859, 0.3095, 0.3508



61.3859, 0.2998, 0.3030

Square

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



61.3859, 0.3095, 0.3508



61.3859, 0.2828, 0.3116



61.3859, 0.3154, 0.3085



61.3859, 0.3436, 0.3454

Rectangle

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



61.3859, 0.3095, 0.3508



61.3859, 0.2878, 0.3292



61.3859, 0.3154, 0.3085



61.3859, 0.3382, 0.3280

Sweetspot

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



61.3885, 0.3095, 0.3508



98.1622, 0.3117, 0.3354



63.7462, 0.3253, 0.3535



20.9082, 0.3115, 0.3371



0.0000, 0.0000, 0.0000



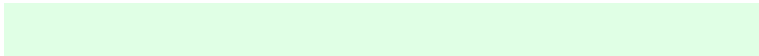
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3885, 0.3095, 0.3508



93.0737, 0.3088, 0.3560



61.8649, 0.3026, 0.3382



13.2332, 0.3097, 0.3496



28.1815, 0.2966, 0.5877



1.5847, 0.2888, 0.5597

Inverse Universe

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



55.2415, 0.3161, 0.3081



81.7304, 0.3169, 0.3034



54.7502, 0.3241, 0.3200



11.9790, 0.3159, 0.3093



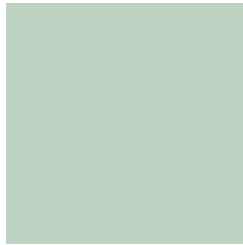
10.3851, 0.3600, 0.1757



0.5888, 0.3518, 0.1711

Previews

White Background



This preview shows how the Yxy color 61.3859, 0.3095, 0.3508 looks on a white background.

Color Contrast Check

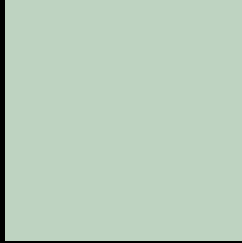
Large Text (above 18pt) WCAG AA × Fail

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 61.3859, 0.3095, 0.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

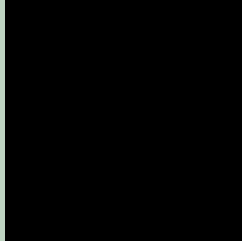
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

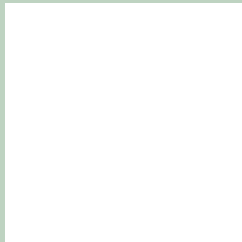
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3859, 0.3095, 0.3508

Background



This preview shows how black text looks on a background with the Yxy color 61.3859, 0.3095, 0.3508.

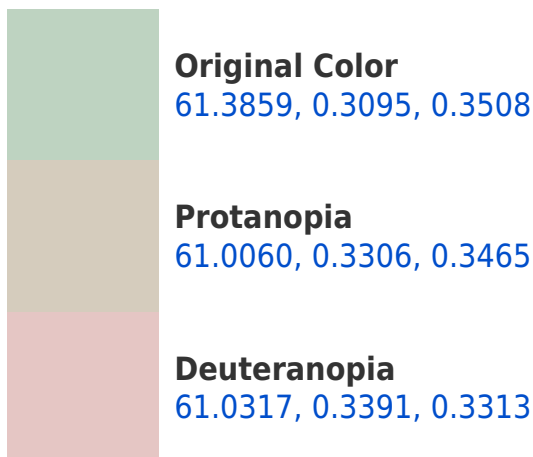


This preview shows how white text looks on a background with the Yxy color 61.3859, 0.3095, 0.3508.

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

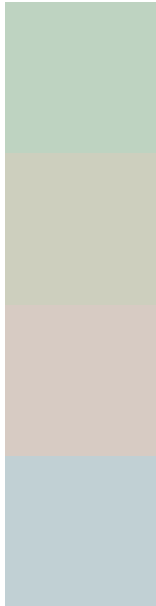




Tritanopia

61.5555, 0.2931, 0.3104

Trichromacy



Original Color

61.3859, 0.3095, 0.3508

Protanomaly

61.3225, 0.3233, 0.3491

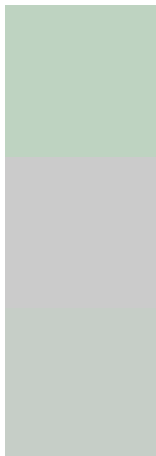
Deuteranomaly

61.0991, 0.3279, 0.3383

Tritanomaly

61.2027, 0.2990, 0.3242

Monochromacy



Original Color

61.3859, 0.3095, 0.3508

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.2719, 0.3116, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3859, 0.3095, 0.3508 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, 211, 193)` looks like.

```
.text, #text, p{  
    color:rgb(190, 211, 193)  
}
```

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, 211, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 211, 193) }
```

Border

The CSS property to change the border of an element to Yxy 61.3859, 0.3095, 0.3508 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, 211, 193) }
```

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

```
.border{ border-color:rgb(190, 211, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 211, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 211, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 211, 193);  
box-shadow:4px 4px 4px 4px rgb(190, 211,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3859, 0.3095, 0.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 211, 193) }
```

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

```
.background{ background-color: rgb(190,  
211, 193) }
```

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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