

Converting Colors

$Yxy(61.9078, 0.3189, 0.3697)$

Have a look what the booklet for
Yxy(61.9078, 0.3189, 0.3697)
contains.

Yxy(61.9602, 0.3189, 0.3693)	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(61.9602, 0.3189, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	BFD5B4
RGB	191, 213, 180
RGB Percent	75%, 84%, 71%
CMY	0.2513, 0.1646, 0.2942
CMYK	0.10, 0.00, 0.16, 0.16
HSL	100°, 28%, 77%
HSV	100°, 16%, 84%
XYZ	53.5042, 61.9602, 52.3130
YIQ	202.6600, -2.5190, -14.9270

Conversions

Conversions Part 2

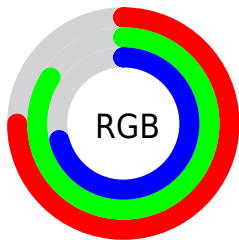
Format	Color
R _Y B	180, 213, 202
Decimal	12572084
CIE Lab	82.89, -13.42, 13.86
CIE LCh	83, 19.289, 134.065
Yxy	61.9602, 0.3189, 0.3693
Android (android.graphics.Color)	4290762164 (0xFFBFD5B4)
YUV	202.6600, -11.1714, -10.2258
Hunter-Lab	78.7148, -16.4204, 15.6969

Details

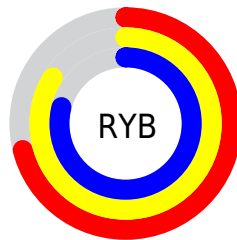
The Yxy color **61.9602, 0.3189, 0.3693** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.0117, 0.3055, 0.2898**, and the grayscale version is **59.5633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3503, 0.3187, 0.3476**, and **31.3044, 0.3200, 0.3799** is the 20% darker color. If you saturate the color by 10%, you get **59.4030, 0.3226, 0.3985**, and if you desaturate by 10%, it is **64.8358, 0.3149, 0.3426**.

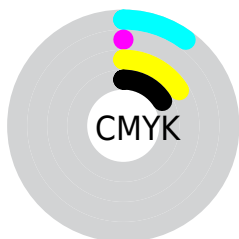
Distribution



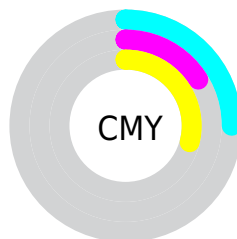
- Red (75%)
- Green (84%)
- Blue (71%)



- Red (71%)
- Yellow (84%)
- Blue (79%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)





- Cyan (25%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9602, 0.3189, 0.3693 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 61.9602, 0.3189, 0.3693 by changing the saturation by 10% instead.

 61.9602, 0.3189,
0.3693

 61.9602, 0.3189,
0.3693

431.7859, 0.3162,
0.3497

 45.0005, 0.3195,
0.3741


 107.6680, 0.3180,
0.3623

 31.4579, 0.3202,
0.3801

137.1849, 0.3176,
0.3596

 20.9477, 0.3210,
0.3879


171.6564, 0.3173,
0.3573

 13.0858, 0.3219,
0.3986

211.4669, 0.3170,
0.3554

 7.4877, 0.3230,
0.4140

257.0006, 0.3168,
0.3537

 3.7689, 0.3241,
0.4379

308.6421, 0.3166,

 1.5451, 0.3288,

0.3522

0.4869

366.7758, 0.3164,
0.3508

0.3202, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.9602, 0.3189,
0.3693

61.9602, 0.3189,
0.3693

59.4030, 0.3226,
0.3985

64.8358, 0.3149,
0.3426

57.1450, 0.3257,
0.4295

68.0325, 0.3109,
0.3185

55.1771, 0.3280,
0.4617

71.5629, 0.3069,
0.2970

53.4865, 0.3292,
0.4935

74.7622, 0.3096,
0.2874

■ 52.0594, 0.3289,
0.5233

■ 76.0806, 0.3146,
0.2881

■ 50.8807, 0.3270,
0.5490

■ 49.9333, 0.3234,
0.5691

■ 49.1975, 0.3186,
0.5825

■ 48.9234, 0.3164,
0.5870

Harmonies

Analogous

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



61.9602, 0.3421, 0.3721



61.9602, 0.3189, 0.3693



61.9602, 0.2947, 0.3543

Triad

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



61.9602, 0.3189, 0.3693



61.9602, 0.2693, 0.2941



61.9602, 0.3507, 0.3244

Complementary

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



61.9602, 0.3189, 0.3693



50.0117, 0.3055, 0.2898

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.



61.9602, 0.3299, 0.3055



61.9602, 0.3189, 0.3693



61.9602, 0.2830, 0.2882

Square

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



61.9602, 0.3189, 0.3693



61.9602, 0.2667, 0.3099



61.9602, 0.3050, 0.2924



61.9602, 0.3611, 0.3451

Rectangle

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



61.9602, 0.3189, 0.3693



61.9602, 0.2812, 0.3398



61.9602, 0.3050, 0.2924



61.9602, 0.3447, 0.3177

Sweetspot

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



61.9629, 0.3189, 0.3693



97.6243, 0.3148, 0.3414



59.6916, 0.3377, 0.3549



20.8263, 0.3150, 0.3432



0.0000, 0.0000, 0.0000



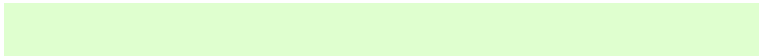
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9629, 0.3189, 0.3693



91.6270, 0.3203, 0.3798



60.8264, 0.3071, 0.3632



14.0937, 0.3165, 0.3527



29.9269, 0.3173, 0.5862



1.8496, 0.3309, 0.5755

Inverse Universe

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



50.0117, 0.3055, 0.2898



69.9705, 0.3034, 0.2800



51.3184, 0.3189, 0.2970



12.4171, 0.3085, 0.3056



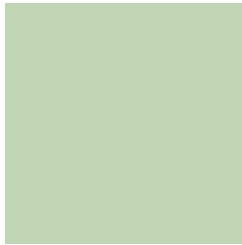
6.5297, 0.2393, 0.1092



0.4381, 0.2537, 0.1171

Previews

White Background



This preview shows how the Yxy color 61.9602, 0.3189, 0.3693 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 61.9602, 0.3189, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

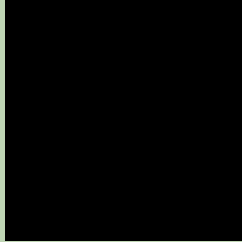
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

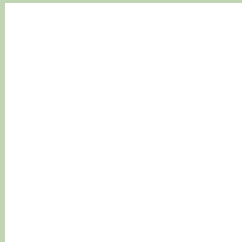
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9602, 0.3189, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 61.9602, 0.3189, 0.3693.



This preview shows how white text looks on a background with the Yxy color 61.9602, 0.3189, 0.3693.

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

61.9602, 0.3189, 0.3693

Protanopia

62.0289, 0.3432, 0.3638

Deuteranopia

61.7582, 0.3533, 0.3468



Tritanopia

61.9591, 0.2953, 0.3105

Trichromacy



Original Color

61.9602, 0.3189, 0.3693

Protanomaly

62.1851, 0.3347, 0.3668

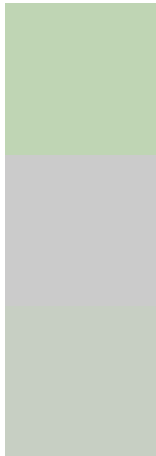
Deuteranomaly

61.4686, 0.3399, 0.3544

Tritanomaly

61.7080, 0.3037, 0.3313

Monochromacy



Original Color

61.9602, 0.3189, 0.3693

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.7079, 0.3151, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9602, 0.3189, 0.3693 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(191, 213, 180)` looks like.

```
.text, #text, p{  
    color:rgb(191, 213, 180)  
}
```

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(191, 213, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 213, 180) }
```

Border

The CSS property to change the border of an element to Yxy 61.9602, 0.3189, 0.3693 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(191, 213, 180) }
```

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

```
.border{ border-color:rgb(191, 213, 180) }
```

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

Here you see how a box with a 4 pixel rgb(191, 213, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 213, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 213, 180);  
box-shadow:4px 4px 4px 4px rgb(191, 213,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9602, 0.3189, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 213, 180) }
```

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

```
.background{ background-color: rgb(191,  
213, 180) }
```

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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