

Converting Colors

$Yxy(62.1260, 0.3191, 0.3707)$

Have a look what the booklet for
Yxy(62.1260, 0.3191, 0.3707)
contains.

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Color

Yxy(61.9195, 0.3196, 0.3705)

Conversions

Conversions Part 1

Format	Color
Hex	BFD5B3
RGB	191, 213, 179
RGB Percent	75%, 84%, 70%
CMY	0.2511, 0.1647, 0.2980
CMYK	0.10, 0.00, 0.16, 0.16
HSL	99°, 29%, 77%
HSV	99°, 16%, 84%
XYZ	53.4129, 61.9195, 51.7918
YIQ	202.5460, -2.1980, -15.2380

Conversions

Conversions Part 2

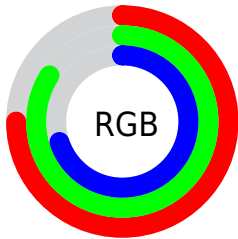
Format	Color
RYB	179, 213, 201
Decimal	12572083
CIELab	82.87, -13.56, 14.34
CIELCh	83, 19.737, 133.383
Yxy	61.9195, 0.3196, 0.3705
Android (android.graphics.Color)	4290762163 (0xFFBFD5B3)
YUV	202.5460, -11.6082, -10.1258
Hunter-Lab	78.6889, -16.5425, 16.0586

Details

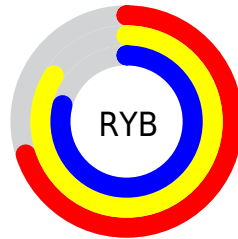
The Yxy color **61.9195, 0.3196, 0.3705** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.4759, 0.3046, 0.2885**, and the grayscale version is **59.4960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4746, 0.3199, 0.3486**, and **31.2784, 0.3209, 0.3816** is the 20% darker color. If you saturate the color by 10%, you get **59.4193, 0.3236, 0.3996**, and if you desaturate by 10%, it is **64.7270, 0.3153, 0.3437**.

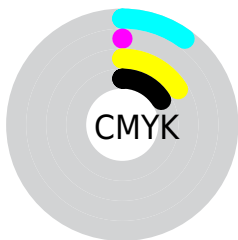
Distribution



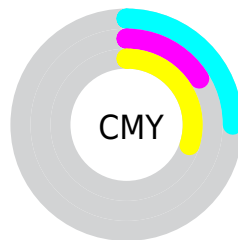
- Red (75%)
- Green (84%)
- Blue (70%)



- Red (70%)
- Yellow (84%)
- Blue (79%)



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





- Cyan (25%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9195, 0.3196, 0.3705 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 61.9195, 0.3196, 0.3705 by changing the saturation by 10% instead.

 61.9195, 0.3196,
0.3705

 61.9195, 0.3196,
0.3705


431.6374, 0.3166,
0.3503

 44.9677, 0.3202,
0.3754


 107.6092, 0.3186,
0.3633

 31.4320, 0.3210,
0.3816

137.1158, 0.3182,
0.3605

 20.9280, 0.3219,
0.3897


171.5761, 0.3178,
0.3582

 13.0714, 0.3230,
0.4007

211.3746, 0.3175,
0.3562

 7.4777, 0.3243,
0.4166

256.8955, 0.3172,
0.3544

 3.7626, 0.3256,
0.4412

308.5234, 0.3170,

 1.5417, 0.3315,

0.3529

0.4930

366.6426, 0.3168,
0.3515

0.3178, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.9195, 0.3196,
0.3705

61.9195, 0.3196,
0.3705

59.4193, 0.3236,
0.3996

64.7270, 0.3153,
0.3437

57.2076, 0.3270,
0.4306

67.8439, 0.3110,
0.3195

55.2757, 0.3296,
0.4625

71.2825, 0.3066,
0.2979

53.6113, 0.3310,
0.4940

74.4440, 0.3084,
0.2873

■ 52.2012, 0.3308,
0.5233

■ 76.0739, 0.3146,
0.2881

■ 51.0308, 0.3289,
0.5486

■ 50.0836, 0.3254,
0.5682

■ 49.3405, 0.3204,
0.5813

■ 49.0869, 0.3184,
0.5854

Harmonies

Analogous

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



61.9195, 0.3432, 0.3730



61.9195, 0.3196, 0.3705



61.9195, 0.2948, 0.3554

Triad

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



61.9195, 0.3196, 0.3705



61.9195, 0.2681, 0.2936



61.9195, 0.3513, 0.3238

Complementary

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



61.9195, 0.3196, 0.3705



49.4759, 0.3046, 0.2885

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.



61.9195, 0.3298, 0.3046



61.9195, 0.3196, 0.3705



61.9195, 0.2819, 0.2873

Square

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



61.9195, 0.3196, 0.3705



61.9195, 0.2657, 0.3098



61.9195, 0.3043, 0.2914



61.9195, 0.3621, 0.3450

Rectangle

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



61.9195, 0.3196, 0.3705



61.9195, 0.2809, 0.3406



61.9195, 0.3043, 0.2914



61.9195, 0.3450, 0.3169

Sweetspot

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



61.9222, 0.3196, 0.3705



97.6719, 0.3149, 0.3414



58.9649, 0.3387, 0.3544



20.8378, 0.3152, 0.3432



0.0000, 0.0000, 0.0000



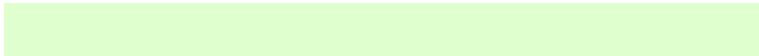
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9222, 0.3196, 0.3705



91.7854, 0.3209, 0.3797



60.6212, 0.3077, 0.3658



14.1063, 0.3168, 0.3527



30.0329, 0.3193, 0.5846



1.8570, 0.3330, 0.5738

Inverse Universe

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



49.4759, 0.3046, 0.2885



69.7976, 0.3027, 0.2799



50.9719, 0.3182, 0.2948



12.4040, 0.3082, 0.3056



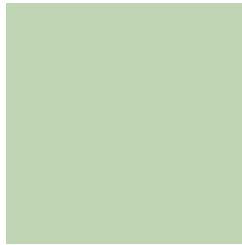
6.2979, 0.2345, 0.1066



0.4253, 0.2496, 0.1149

Previews

White Background



This preview shows how the Yxy color 61.9195, 0.3196, 0.3705 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 61.9195, 0.3196, 0.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

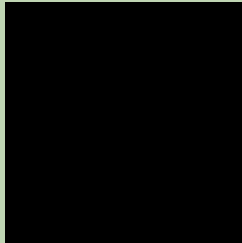
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9195, 0.3196, 0.3705

Background



This preview shows how black text looks on a background with the Yxy color 61.9195, 0.3196, 0.3705.



This preview shows how white text looks on a background with the Yxy color 61.9195, 0.3196, 0.3705.

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

61.9195, 0.3196, 0.3705

Protanopia

61.5095, 0.3442, 0.3638

Deuteranopia

61.4277, 0.3551, 0.3468



Tritanopia

61.9591, 0.2953, 0.3105

Trichromacy



Original Color

61.9195, 0.3196, 0.3705

Protanomaly

61.6562, 0.3356, 0.3669

Deuteranomaly

61.1081, 0.3417, 0.3544

Tritanomaly

61.7080, 0.3037, 0.3313

Monochromacy



Original Color

61.9195, 0.3196, 0.3705

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.6628, 0.3158, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9195, 0.3196, 0.3705 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(191, 213, 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(191, 213, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 213, 179) }
```

Border

The CSS property to change the border of an element to Yxy 61.9195, 0.3196, 0.3705 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, 179) }
```

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

```
.border{ border-color:rgb(191, 213, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 213, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 213, 179);  
box-shadow:4px 4px 4px 4px rgb(191, 213,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9195, 0.3196, 0.3705 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, 179) }
```

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

```
.background{ background-color: rgb(191,  
213, 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](#).

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