

Converting Colors

Yxy(61.3827, 0.3315, 0.4018)

Have a look what the booklet for
Yxy(61.3827, 0.3315, 0.4018)
contains.

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Color

Yxy(61.5660, 0.3319, 0.4023)

Conversions

Conversions Part 1

Format	Color
Hex	BBD79C
RGB	187, 215, 156
RGB Percent	73%, 84%, 61%
CMY	0.2668, 0.1568, 0.3881
CMYK	0.13, 0.00, 0.27, 0.16
HSL	89°, 42%, 73%
HSV	89°, 27%, 84%
XYZ	50.7923, 61.5660, 40.6767
YIQ	199.9020, 2.2510, -24.2850

Conversions

Conversions Part 2

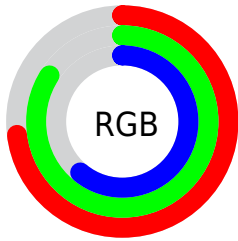
Format	Color
RYB	156, 215, 184
Decimal	12310428
CIELab	82.68, -19.61, 26.10
CIELCh	83, 32.642, 126.914
Yxy	61.5660, 0.3319, 0.4023
Android (android.graphics.Color)	4290500508 (0xFFBBD79C)
YUV	199.9020, -21.6437, -11.3151
Hunter-Lab	78.4640, -21.7631, 24.1881

Details

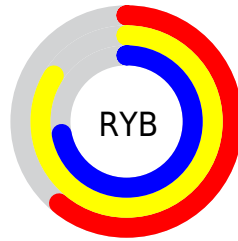
The Yxy color **61.5660, 0.3319, 0.4023** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.8980, 0.2885, 0.2553**, and the grayscale version is **57.8305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4562, 0.3315, 0.3731**, and **31.1276, 0.3359, 0.4225** is the 20% darker color. If you saturate the color by 10%, you get **59.6597, 0.3381, 0.4317**, and if you desaturate by 10%, it is **63.6984, 0.3251, 0.3740**.

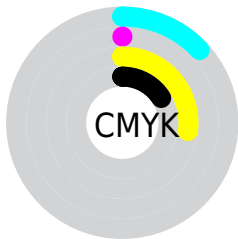
Distribution



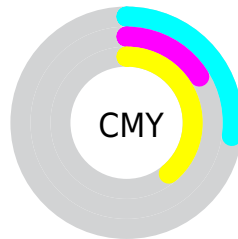
- Red (73%)
- Green (84%)
- Blue (61%)



- Red (61%)
- Yellow (84%)
- Blue (72%)



- Cyan (13%)
- Magenta (0%)
- Yellow (27%)
- Black (16%)




- Cyan (27%)
- Magenta (16%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5660, 0.3319, 0.4023 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 61.5660, 0.3319, 0.4023 by changing the saturation by 10% instead.


 61.5660, 0.3319,
0.4023


 61.5660, 0.3319,
0.4023


430.3462, 0.3235,
0.3662

 44.6821, 0.3336,
0.4111

 107.0980, 0.3291,
0.3893

 31.2071, 0.3356,
0.4222


 136.5150, 0.3280,
0.3844

 20.7566, 0.3380,
0.4367


170.8784, 0.3270,
0.3803

 12.9462, 0.3405,
0.4564

210.5726, 0.3261,
0.3767

 7.3915, 0.3430,
0.4844

255.9822, 0.3254,
0.3735

 3.7081, 0.3440,
0.5268

307.4913, 0.3247,

 1.5117, 0.3615,

0.3708

0.6385

365.4846, 0.3241,
0.3684

0.2969, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.5660, 0.3319,
0.4023

61.5660, 0.3319,
0.4023

59.6597, 0.3381,
0.4317

63.6984, 0.3251,
0.3740

57.9628, 0.3432,
0.4614

66.0569, 0.3180,
0.3474

56.4686, 0.3469,
0.4899

68.6521, 0.3109,
0.3229

55.1667, 0.3486,
0.5159

71.4910, 0.3040,
0.3006

■ 54.0458, 0.3482,
0.5379

■ 74.0179, 0.3027,
0.2886

■ 53.0928, 0.3454,
0.5548

■ 75.8388, 0.3098,
0.2895

■ 52.2906, 0.3407,
0.5663

■ 77.0856, 0.3145,
0.2901

■ 52.1017, 0.3393,
0.5688

Harmonies

Analogous

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



61.5660, 0.3694, 0.3997



61.5660, 0.3319, 0.4023



61.5660, 0.2908, 0.3811

Triad

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



61.5660, 0.3319, 0.4023



61.5660, 0.2382, 0.2747



61.5660, 0.3702, 0.3125

Complementary

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



61.5660, 0.3319, 0.4023



38.8980, 0.2885, 0.2553

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.



61.5660, 0.3314, 0.2841



61.5660, 0.3319, 0.4023



61.5660, 0.2562, 0.2622

Square

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



61.5660, 0.3319, 0.4023



61.5660, 0.2385, 0.3034



61.5660, 0.2895, 0.2660



61.5660, 0.3931, 0.3460

Rectangle

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



61.5660, 0.3319, 0.4023



61.5660, 0.2669, 0.3567



61.5660, 0.2895, 0.2660



61.5660, 0.3585, 0.3022

Sweetspot

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



61.5687, 0.3319, 0.4023



96.9616, 0.3185, 0.3491



50.9488, 0.3632, 0.3623



20.6369, 0.3195, 0.3530



0.0000, 0.0000, 0.0000



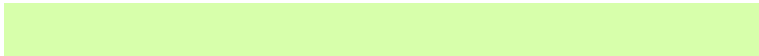
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5687, 0.3319, 0.4023



88.9000, 0.3356, 0.4196



58.2773, 0.3104, 0.4073



14.2132, 0.3194, 0.3525



31.2237, 0.3404, 0.5679



1.9324, 0.3533, 0.5577

Inverse Universe

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



38.8980, 0.2885, 0.2553



50.1175, 0.2820, 0.2379



42.8506, 0.3141, 0.2608



12.2954, 0.3055, 0.3054



4.6942, 0.1982, 0.0866



0.3322, 0.2174, 0.0971

Previews

White Background



This preview shows how the Yxy color 61.5660, 0.3319, 0.4023 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 61.5660, 0.3319, 0.4023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

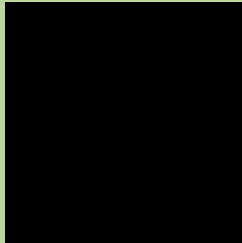
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5660, 0.3319, 0.4023

Background



This preview shows how black text looks on a background with the Yxy color 61.5660, 0.3319, 0.4023.



This preview shows how white text looks on a background with the Yxy color 61.5660, 0.3319, 0.4023.

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

61.5660, 0.3319, 0.4023

Protanopia

61.1453, 0.3639, 0.3903

Deuteranopia

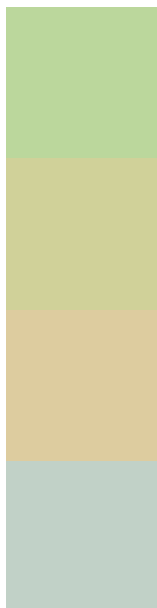
61.1713, 0.3781, 0.3696



Tritanopia

61.3406, 0.2945, 0.3093

Trichromacy



Original Color

61.5660, 0.3319, 0.4023

Protanomaly

61.3107, 0.3521, 0.3956

Deuteranomaly

61.0611, 0.3598, 0.3810

Tritanomaly

61.0619, 0.3077, 0.3410

Monochromacy



Original Color

61.5660, 0.3319, 0.4023

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.7254, 0.3200, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5660, 0.3319, 0.4023 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, 215, 156)` looks like.

```
.text, #text, p{  
    color:rgb(187, 215, 156)  
}
```

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, 215, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 215, 156) }
```

Border

The CSS property to change the border of an element to Yxy 61.5660, 0.3319, 0.4023 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, 215, 156) }
```

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

```
.border{ border-color:rgb(187, 215, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 215, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 215, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 215, 156);  
box-shadow:4px 4px 4px 4px rgb(187, 215,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5660, 0.3319, 0.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 215, 156) }
```

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

```
.background{ background-color: rgb(187,  
215, 156) }
```

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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