

Converting Colors

Yxy(61.4161, 0.3494, 0.3807)

Have a look what the booklet for
Yxy(61.4161, 0.3494, 0.3807)
contains.

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Color

Yxy(61.4161, 0.3494, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	D5CFA3
RGB	213, 207, 163
RGB Percent	84%, 81%, 64%
CMY	0.1647, 0.1882, 0.3607
CMYK	0.00, 0.03, 0.23, 0.16
HSL	53°, 37%, 74%
HSV	53°, 23%, 84%
XYZ	56.3667, 61.4161, 43.5414
YIQ	203.7780, 17.7000, -12.4120

Conversions

Conversions Part 2

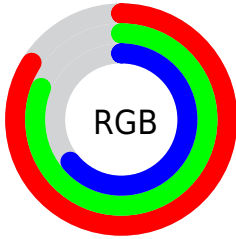
Format	Color
RYB	170, 213, 163
Decimal	14012323
CIELab	82.60, -4.93, 22.66
CIELCh	83, 23.185, 102.274
Yxy	61.4161, 0.3494, 0.3807
Android (android.graphics.Color)	4292202403 (0xFFD5CFA3)
YUV	203.7780, -20.1036, 8.0877
Hunter-Lab	78.3684, -8.7582, 21.9165

Details

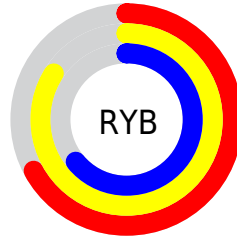
The Yxy color **61.4161, 0.3494, 0.3807** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.9768, 0.2736, 0.2714**, and the grayscale version is **60.3596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **31.1993, 0.3584, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **59.4887, 0.3659, 0.4030**, and if you desaturate by 10%, it is **63.4977, 0.3333, 0.3583**.

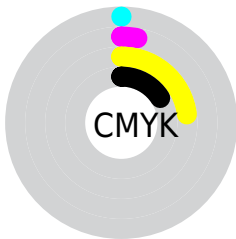
Distribution



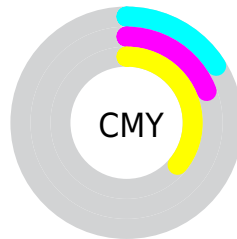
- Red (84%)
- Green (81%)
- Blue (64%)



- Red (67%)
- Yellow (84%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (23%)
- Black (16%)





- Cyan (16%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4161, 0.3494, 0.3807 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 61.4161, 0.3494, 0.3807 by changing the saturation by 10% instead.


 61.4161, 0.3494,
0.3807

 61.4161, 0.3494,
0.3807


429.7980, 0.3321,
0.3559

 44.5611, 0.3534,
0.3866


 106.8812, 0.3434,
0.3719

 31.1118, 0.3583,
0.3939


 136.2600, 0.3410,
0.3685

 20.6840, 0.3645,
0.4034


170.5822, 0.3390,
0.3657

 12.8932, 0.3726,
0.4159

210.2323, 0.3373,
0.3632

 7.3551, 0.3834,
0.4333

255.5944, 0.3358,
0.3610

 3.6851, 0.3982,
0.4585

307.0532, 0.3344,

 1.4990, 0.4568,

0.3591

0.5432

364.9929, 0.3332,
0.3574

0.2880, 0.3476,
0.6524

0.0000, 0.0000,
0.0000

61.4161, 0.3494,
0.3807

61.4161, 0.3494,
0.3807

59.4887, 0.3659,
0.4030

63.4977, 0.3333,
0.3583

57.7007, 0.3821,
0.4244

65.7313, 0.3179,
0.3364

56.0478, 0.3976,
0.4439

68.1255, 0.3034,
0.3155

54.5221, 0.4116,
0.4606

70.6854, 0.2900,
0.2958

■ 53.1150, 0.4235,
0.4735

■ 72.4455, 0.2860,
0.2917

■ 51.8164, 0.4328,
0.4820

■ 73.7971, 0.2862,
0.2945

■ 50.6141, 0.4393,
0.4861

■ 75.1693, 0.2863,
0.2973

■ 49.8674, 0.4424,
0.4869

■ 76.5623, 0.2864,
0.3000

■ 77.9761, 0.2865,
0.3028

Harmonies

Analogous

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



61.4161, 0.3677, 0.3682



61.4161, 0.3494, 0.3807



61.4161, 0.3217, 0.3786

Triad

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



61.4161, 0.3494, 0.3807



61.4161, 0.2579, 0.3071



61.4161, 0.3316, 0.2997

Complementary

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



61.4161, 0.3494, 0.3807



40.9768, 0.2736, 0.2714

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.



61.4161, 0.3015, 0.2848



61.4161, 0.3494, 0.3807



61.4161, 0.2601, 0.2878

Square

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



61.4161, 0.3494, 0.3807



61.4161, 0.2695, 0.3341



61.4161, 0.2757, 0.2802



61.4161, 0.3574, 0.3218

Rectangle

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



61.4161, 0.3494, 0.3807



61.4161, 0.3019, 0.3685



61.4161, 0.2757, 0.2802



61.4161, 0.3216, 0.2937

Sweetspot

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



61.4189, 0.3494, 0.3807



97.5429, 0.3233, 0.3442



43.2380, 0.3546, 0.3210



20.8341, 0.3242, 0.3455



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.



61.4189, 0.3494, 0.3807



90.8739, 0.3573, 0.3915



61.7958, 0.3335, 0.3901



14.2534, 0.3269, 0.3493



30.5591, 0.4420, 0.4873



1.9166, 0.4375, 0.4908

Inverse Universe

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



40.9768, 0.2736, 0.2714



55.1375, 0.2645, 0.2576



40.8708, 0.2880, 0.2660



12.2466, 0.2981, 0.3078



3.4534, 0.1526, 0.0694



0.2900, 0.1590, 0.0924

Previews

White Background



This preview shows how the Yxy color 61.4161, 0.3494, 0.3807 looks on a white background.

Color Contrast Check

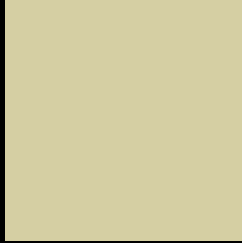
Large Text (above 18pt) WCAG AA × Fail

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 61.4161, 0.3494, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

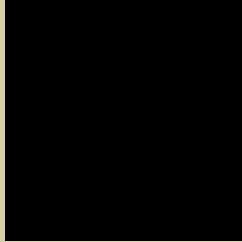
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

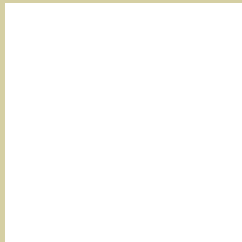
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4161, 0.3494, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 61.4161, 0.3494, 0.3807.



This preview shows how white text looks on a background with the Yxy color 61.4161, 0.3494, 0.3807.

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

61.4161, 0.3494, 0.3807

Protanopia

61.3313, 0.3556, 0.3789

Deuteranopia

60.9998, 0.3724, 0.3643



Tritanopia

61.4821, 0.3166, 0.3112

Trichromacy



Original Color

61.4161, 0.3494, 0.3807

Protanomaly

61.5030, 0.3537, 0.3802

Deuteranomaly

61.2766, 0.3644, 0.3708

Tritanomaly

61.4948, 0.3280, 0.3359

Monochromacy



Original Color

61.4161, 0.3494, 0.3807

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6022, 0.3258, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4161, 0.3494, 0.3807 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(213, 207, 163)` looks like.

```
.text, #text, p{  
    color:rgb(213, 207, 163)  
}
```

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(213, 207, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 207, 163) }
```

Border

The CSS property to change the border of an element to Yxy 61.4161, 0.3494, 0.3807 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(213, 207, 163) }
```

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

```
.border{ border-color:rgb(213, 207, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 207, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 207, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 207, 163);  
box-shadow:4px 4px 4px 4px rgb(213, 207,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4161, 0.3494, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 207, 163) }
```

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

```
.background{ background-color: rgb(213,  
207, 163) }
```

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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