

Converting Colors

$Yxy(61.0475, 0.3067, 0.4055)$

Have a look what the booklet for
Yxy(61.0475, 0.3067, 0.4055)
contains.

Yxy(61.0641, 0.3064, 0.4049)	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(61.0641, 0.3064, 0.4049)

Conversions

Conversions Part 1

Format	Color
Hex	9EDCA2
RGB	158, 220, 162
RGB Percent	62%, 86%, 64%
CMY	0.3806, 0.1372, 0.3646
CMYK	0.28, 0.00, 0.26, 0.14
HSL	124°, 47%, 74%
HSV	124°, 28%, 86%
XYZ	46.2090, 61.0641, 43.5397
YIQ	194.8500, -18.3340, -31.1820

Conversions

Conversions Part 2

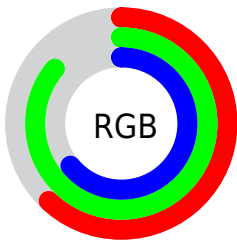
Format	Color
RYB	158, 216, 220
Decimal	10411170
CIELab	82.41, -31.04, 22.33
CIELCh	82, 38.237, 144.265
Yxy	61.0641, 0.3064, 0.4049
Android (android.graphics.Color)	4288601250 (0xFF9EDCA2)
YUV	194.8500, -16.1950, -32.3174
Hunter-Lab	78.1435, -31.1978, 21.6655

Details

The Yxy color **61.0641, 0.3064, 0.4049** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.6102, 0.3195, 0.2633**, and the grayscale version is **54.5818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8259, 0.3090, 0.3692**, and **31.0393, 0.3039, 0.4269** is the 20% darker color. If you saturate the color by 10%, you get **58.3600, 0.3041, 0.4373**, and if you desaturate by 10%, it is **64.2922, 0.3087, 0.3751**.

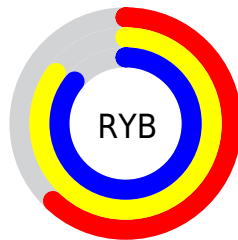
Distribution



Red (62%)

Green (86%)

Blue (64%)



Red (62%)

Yellow (85%)

Blue (86%)

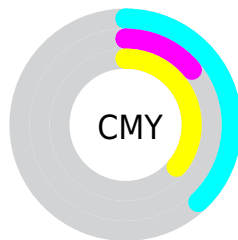


Cyan (28%)

Magenta (0%)

Yellow (26%)

Black (14%)



Cyan (38%)


Magenta (14%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0641, 0.3064, 0.4049 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 61.0641, 0.3064, 0.4049 by changing the saturation by 10% instead.


 61.0641, 0.3064,
0.4049


 61.0641, 0.3064,
0.4049


428.5090, 0.3103,
0.3670

 44.2769, 0.3052,
0.4143


 106.3717, 0.3080,
0.3911

 30.8883, 0.3035,
0.4264


 135.6610, 0.3085,
0.3860

 20.5138, 0.3011,
0.4423


169.8863, 0.3090,
0.3816

 12.7691, 0.2974,
0.4643

209.4322, 0.3093,
0.3778

 7.2697, 0.2911,
0.4965

254.6831, 0.3097,
0.3746

 3.6313, 0.2791,
0.5474

306.0232, 0.3099,

 1.4696, 0.2718,

0.3717

0.7282

363.8370, 0.3101,
0.3692

0.2672, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.0641, 0.3064,
0.4049

61.0641, 0.3064,
0.4049

58.3600, 0.3041,
0.4373

64.2922, 0.3087,
0.3751

56.1452, 0.3020,
0.4714

68.0618, 0.3110,
0.3485

54.3925, 0.3002,
0.5053

72.3989, 0.3131,
0.3250

53.0692, 0.2990,
0.5368

77.3257, 0.3151,
0.3047

■ 52.1383, 0.2984,
0.5635

■ 79.6733, 0.3143,
0.2950

■ 51.5563, 0.2985,
0.5833

■ 51.2627, 0.2990,
0.5952

■ 51.2261, 0.2990,
0.5966

Harmonies

Analogous

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



61.0641, 0.3544, 0.4176



61.0641, 0.3064, 0.4049



61.0641, 0.2623, 0.3658

Triad

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



61.0641, 0.3064, 0.4049



61.0641, 0.2358, 0.2549



61.0641, 0.3991, 0.3313

Complementary

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



61.0641, 0.3064, 0.4049



44.6102, 0.3195, 0.2633

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.



61.0641, 0.3624, 0.2946



61.0641, 0.3064, 0.4049



61.0641, 0.2672, 0.2521

Square

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



61.0641, 0.3064, 0.4049



61.0641, 0.2238, 0.2770



61.0641, 0.3131, 0.2665



61.0641, 0.4102, 0.3700

Rectangle

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



61.0641, 0.3064, 0.4049



61.0641, 0.2406, 0.3330



61.0641, 0.3131, 0.2665



61.0641, 0.3892, 0.3185

Sweetspot

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



61.0667, 0.3064, 0.4049



95.1665, 0.3110, 0.3481



68.3982, 0.3527, 0.3998



20.1874, 0.3107, 0.3519



0.0000, 0.0000, 0.0000



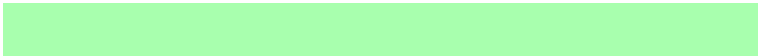
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0667, 0.3064, 0.4049



82.9329, 0.3050, 0.4243



62.2671, 0.2881, 0.3645



14.6200, 0.3107, 0.3515



30.0658, 0.2988, 0.5955



1.9528, 0.2951, 0.5823

Inverse Universe

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



44.6102, 0.3195, 0.2633



56.2359, 0.3211, 0.2493



43.1950, 0.3469, 0.2962



13.2594, 0.3148, 0.3074



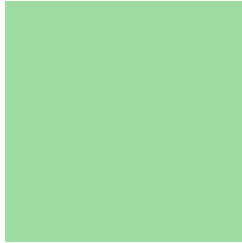
11.5402, 0.3380, 0.1635



0.7522, 0.3349, 0.1619

Previews

White Background



This preview shows how the Yxy color 61.0641, 0.3064, 0.4049 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 61.0641, 0.3064, 0.4049 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 61.0641, 0.3064, 0.4049

Background



This preview shows how black text looks on a background with the Yxy color 61.0641, 0.3064, 0.4049.

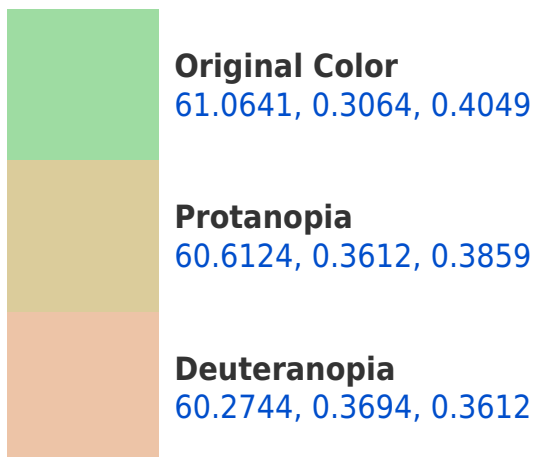


This preview shows how white text looks on a background with the Yxy color 61.0641, 0.3064, 0.4049.

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

60.7360, 0.2736, 0.3085

Trichromacy



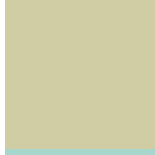
Original Color

61.0641, 0.3064, 0.4049



Protanomaly

60.4321, 0.3394, 0.3926



Deuteranomaly

59.7892, 0.3443, 0.3768



Tritanomaly

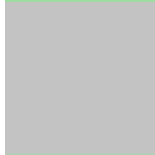
60.5598, 0.2857, 0.3414

Monochromacy



Original Color

61.0641, 0.3064, 0.4049



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

56.5497, 0.3107, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0641, 0.3064, 0.4049 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(158, 220, 162)` looks like.

```
.text, #text, p{  
    color:rgb(158, 220, 162)  
}
```

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(158, 220, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 220, 162) }
```

Border

The CSS property to change the border of an element to Yxy 61.0641, 0.3064, 0.4049 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(158, 220, 162) }
```

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

```
.border{ border-color:rgb(158, 220, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 220, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 220, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 220, 162);  
box-shadow:4px 4px 4px 4px rgb(158, 220,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0641, 0.3064, 0.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 220, 162) }
```

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

```
.background{ background-color: rgb(158,  
220, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor