

Converting Colors

Yxy(61.4637, 0.3617, 0.4119)

Have a look what the booklet for
Yxy(61.4637, 0.3617, 0.4119)
contains.

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Color

Yxy(61.5419, 0.3618, 0.4118)

Conversions

Conversions Part 1

Format	Color
Hex	D1D28C
RGB	209, 210, 140
RGB Percent	82%, 82%, 55%
CMY	0.1805, 0.1764, 0.4510
CMYK	0.00, 0.00, 0.33, 0.18
HSL	61°, 44%, 69%
HSV	61°, 33%, 82%
XYZ	54.0696, 61.5419, 33.8346
YIQ	201.7210, 21.8740, -21.9820

Conversions

Conversions Part 2

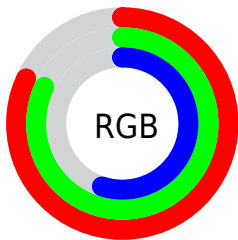
Format	Color
R_{YB}	140, 210, 141
Decimal	13750924
CIE _{Lab}	82.67, -11.00, 34.65
CIE _{LCh}	83, 36.359, 107.618
Yxy	61.5419, 0.3618, 0.4118
Android (android.graphics.Color)	4291941004 (0xFFD1D28C)
YUV	201.7210, -30.4285, 6.3837
Hunter-Lab	78.4486, -14.2566, 29.3425

Details

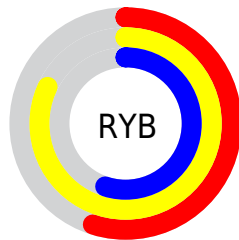
The Yxy color **61.5419, 0.3618, 0.4118** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.0711, 0.2540, 0.2308**, and the grayscale version is **59.0618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **31.3682, 0.3728, 0.4329** is the 20% darker color. If you saturate the color by 10%, you get **60.9381, 0.3757, 0.4354**, and if you desaturate by 10%, it is **62.2696, 0.3471, 0.3870**.

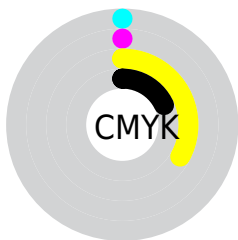
Distribution



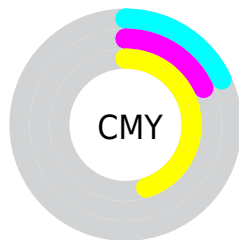
- Red (82%)
- Green (82%)
- Blue (55%)



- Red (55%)
- Yellow (82%)
- Blue (55%)



- Cyan (0%)
- Magenta (0%)
- Yellow (33%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5419, 0.3618, 0.4118 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 61.5419, 0.3618, 0.4118 by changing the saturation by 10% instead.

61.5419, 0.3618,
0.4118

61.5419, 0.3618,
0.4118

430.2581, 0.3393,
0.3719

44.6626, 0.3667,
0.4212

107.0632, 0.3541,
0.3977

31.1918, 0.3726,
0.4329

136.4740, 0.3511,
0.3923

20.7449, 0.3798,
0.4477

170.8308, 0.3485,
0.3877

12.9377, 0.3885,
0.4671

210.5179, 0.3462,
0.3836

7.3857, 0.3985,
0.4929

255.9198, 0.3442,
0.3801

3.7044, 0.4168,
0.5382


307.4209, 0.3424,

1.5096, 0.4181,


0.3771


0.5819


365.4055, 0.3408,
0.3743


 0.2955, 0.0397,
0.9603


 0.0000, 0.0000,
0.0000


 61.5419, 0.3618,
0.4118


 61.5419, 0.3618,
0.4118


 60.9381, 0.3757,
0.4354


 62.2696, 0.3471,
0.3870


 60.4430, 0.3882,
0.4568

 63.1191, 0.3322,
0.3618

 60.0521, 0.3988,
0.4750

 64.0989, 0.3175,
0.3371

 59.7570, 0.4070,
0.4894

 65.2144, 0.3034,
0.3133

■ 59.5481, 0.4126,
0.4994

■ 66.4707, 0.2900,
0.2910

■ 59.4138, 0.4157,
0.5052

■ 67.1441, 0.2841,
0.2809

■ 59.3525, 0.4167,
0.5073

■ 67.1899, 0.2843,
0.2809

■ 67.2357, 0.2845,
0.2809

■ 67.2816, 0.2847,
0.2810

Harmonies

Analogous

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



61.5419, 0.3947, 0.3932



61.5419, 0.3618, 0.4118



61.5419, 0.3171, 0.4058

Triad

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



61.5419, 0.3618, 0.4118



61.5419, 0.2282, 0.2869



61.5419, 0.3500, 0.2895

Complementary

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



61.5419, 0.3618, 0.4118



29.0711, 0.2540, 0.2308

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.



61.5419, 0.3027, 0.2651



61.5419, 0.3618, 0.4118



61.5419, 0.2352, 0.2616

Square

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



61.5419, 0.3618, 0.4118



61.5419, 0.2414, 0.3278



61.5419, 0.2614, 0.2548



61.5419, 0.3887, 0.3233

Rectangle

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



61.5419, 0.3618, 0.4118



61.5419, 0.2870, 0.3866



61.5419, 0.2614, 0.2548



61.5419, 0.3344, 0.2800

Sweetspot

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



61.5447, 0.3618, 0.4118



98.3939, 0.3274, 0.3537



34.3493, 0.3900, 0.3292



21.0157, 0.3295, 0.3573



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.



61.5447, 0.3618, 0.4118



94.7958, 0.3718, 0.4288



57.1063, 0.3343, 0.4199



13.7884, 0.3264, 0.3520



36.2036, 0.4168, 0.5073



2.0272, 0.4173, 0.5069

Inverse Universe

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



29.0711, 0.2540, 0.2308



36.9220, 0.2391, 0.2060



32.5205, 0.2836, 0.2384



11.4259, 0.2984, 0.3050



2.8544, 0.1505, 0.0603



0.1626, 0.1522, 0.0612

Previews

White Background



This preview shows how the Yxy color 61.5419, 0.3618, 0.4118 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 61.5419, 0.3618, 0.4118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

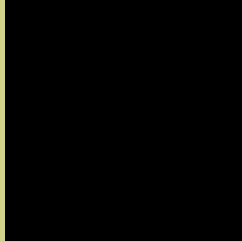
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5419, 0.3618, 0.4118

Background



This preview shows how black text looks on a background with the Yxy color 61.5419, 0.3618, 0.4118.



This preview shows how white text looks on a background with the Yxy color 61.5419, 0.3618, 0.4118.

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

61.5419, 0.3618, 0.4118

Protanopia

61.6656, 0.3764, 0.4065

Deuteranopia

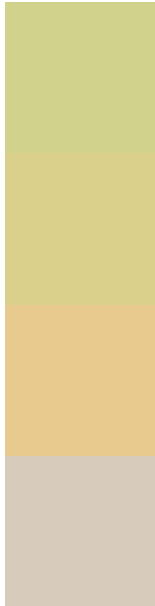
61.3282, 0.3950, 0.3871



Tritanopia

61.1718, 0.3151, 0.3111

Trichromacy



Original Color

61.5419, 0.3618, 0.4118

Protanomaly

61.3952, 0.3711, 0.4076

Deuteranomaly

61.3499, 0.3826, 0.3960

Tritanomaly

61.2636, 0.3330, 0.3476

Monochromacy



Original Color

61.5419, 0.3618, 0.4118

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.8965, 0.3315, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5419, 0.3618, 0.4118 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(209, 210, 140)` looks like.

```
.text, #text, p{  
    color:rgb(209, 210, 140)  
}
```

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(209, 210, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 210, 140) }
```

Border

The CSS property to change the border of an element to Yxy 61.5419, 0.3618, 0.4118 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(209, 210, 140) }
```

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

```
.border{ border-color:rgb(209, 210, 140) }
```

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

Here you see how a box with a 4 pixel rgb(209, 210, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 210, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 210, 140);  
box-shadow:4px 4px 4px 4px rgb(209, 210,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5419, 0.3618, 0.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 210, 140) }
```

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

```
.background{ background-color: rgb(209,  
210, 140) }
```

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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