

Converting Colors

Yxy(61.8036, 0.3598, 0.4069)

Have a look what the booklet for
Yxy(61.8036, 0.3598, 0.4069)
contains.

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Color

Yxy(61.8084, 0.3598, 0.4069)

Conversions

Conversions Part 1

Format	Color
Hex	D2D290
RGB	210, 210, 144
RGB Percent	82%, 82%, 56%
CMY	0.1766, 0.1764, 0.4353
CMYK	0.00, 0.00, 0.31, 0.18
HSL	60°, 42%, 69%
HSV	60°, 31%, 82%
XYZ	54.6539, 61.8084, 35.4384
YIQ	202.4760, 21.1860, -20.5260

Conversions

Conversions Part 2

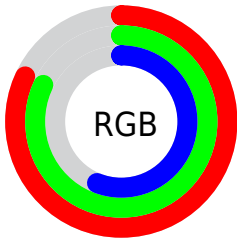
Format	Color
RYB	144, 210, 144
Decimal	13816464
CIELab	82.81, -10.13, 32.79
CIELCh	83, 34.320, 107.168
Yxy	61.8084, 0.3598, 0.4069
Android (android.graphics.Color)	4292006544 (0xFFD2D290)
YUV	202.4760, -28.8287, 6.5985
Hunter-Lab	78.6183, -13.4924, 28.3069

Details

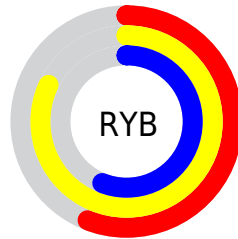
The Yxy color **61.8084, 0.3598, 0.4069** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.5371, 0.2572, 0.2371**, and the grayscale version is **59.5491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **31.5358, 0.3704, 0.4266** is the 20% darker color. If you saturate the color by 10%, you get **61.2257, 0.3741, 0.4306**, and if you desaturate by 10%, it is **62.5161, 0.3448, 0.3821**.

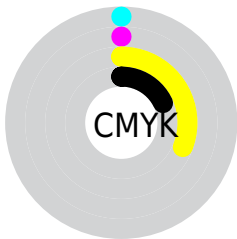
Distribution



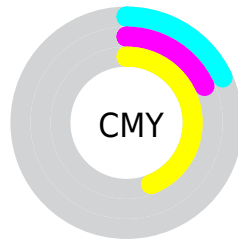
- Red (82%)
- Green (82%)
- Blue (56%)



- Red (56%)
- Yellow (82%)
- Blue (56%)



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)





- Cyan (18%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8084, 0.3598, 0.4069 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 61.8084, 0.3598, 0.4069 by changing the saturation by 10% instead.


 61.8084, 0.3598,
0.4069


 61.8084, 0.3598,
0.4069


431.2319, 0.3381,
0.3694

 44.8779, 0.3646,
0.4157


 107.4486, 0.3524,
0.3936

 31.3613, 0.3704,
0.4267


 136.9270, 0.3495,
0.3886

 20.8741, 0.3774,
0.4407


171.3569, 0.3469,
0.3842

 13.0320, 0.3861,
0.4591

211.1227, 0.3447,
0.3804

 7.4506, 0.3965,
0.4837

256.6086, 0.3428,
0.3771

 3.7455, 0.4126,
0.5235

308.1992, 0.3411,

 1.5322, 0.4241,

0.3742

0.5759

366.2788, 0.3395,
0.3717

0.3112, 0.1349,
0.8651

0.0000, 0.0000,
0.0000

61.8084, 0.3598,
0.4069

61.8084, 0.3598,
0.4069

61.2257, 0.3741,
0.4306

62.5161, 0.3448,
0.3821

60.7531, 0.3872,
0.4523

63.3466, 0.3296,
0.3570

60.3860, 0.3985,
0.4709

64.3084, 0.3148,
0.3324

60.1163, 0.4074,
0.4857

65.4068, 0.3006,
0.3089

■ 59.9347, 0.4138,
0.4963

■ 66.6469, 0.2872,
0.2868

■ 59.8300, 0.4176,
0.5026

■ 67.0282, 0.2836,
0.2808

■ 59.7848, 0.4192,
0.5053

■ 67.0300, 0.2836,
0.2808

■ 67.0318, 0.2836,
0.2808

■ 67.0336, 0.2836,
0.2808

Harmonies

Analogous

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



61.8084, 0.3904, 0.3895



61.8084, 0.3598, 0.4069



61.8084, 0.3178, 0.4013

Triad

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



61.8084, 0.3598, 0.4069



61.8084, 0.2327, 0.2899



61.8084, 0.3473, 0.2912

Complementary

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



61.8084, 0.3598, 0.4069



30.5371, 0.2572, 0.2371

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.



61.8084, 0.3028, 0.2681



61.8084, 0.3598, 0.4069



61.8084, 0.2391, 0.2656

Square

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



61.8084, 0.3598, 0.4069



61.8084, 0.2457, 0.3287



61.8084, 0.2638, 0.2586



61.8084, 0.3838, 0.3233

Rectangle

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



61.8084, 0.3598, 0.4069



61.8084, 0.2892, 0.3836



61.8084, 0.2638, 0.2586



61.8084, 0.3326, 0.2822

Sweetspot

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



61.8112, 0.3598, 0.4069



98.6065, 0.3261, 0.3512



35.6670, 0.3839, 0.3292



21.0611, 0.3283, 0.3549



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.



61.8112, 0.3598, 0.4069



95.2412, 0.3699, 0.4237



57.4619, 0.3332, 0.4142



13.7973, 0.3266, 0.3520



36.4630, 0.4192, 0.5053



2.0389, 0.4192, 0.5053

Inverse Universe

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



30.5371, 0.2572, 0.2371



38.9929, 0.2425, 0.2128



33.9518, 0.2856, 0.2440



11.4180, 0.2982, 0.3050



2.8390, 0.1500, 0.0600



0.1589, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 61.8084, 0.3598, 0.4069 looks on a white background.

Color Contrast Check

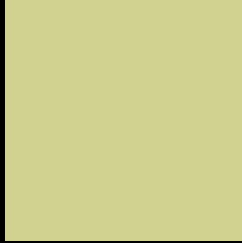
Large Text (above 18pt) WCAG AA × Fail

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 61.8084, 0.3598, 0.4069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

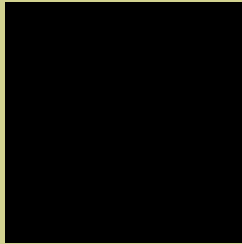
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

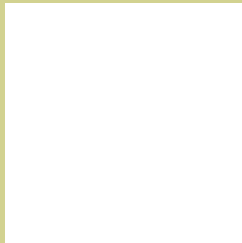
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8084, 0.3598, 0.4069

Background



This preview shows how black text looks on a background with the Yxy color 61.8084, 0.3598, 0.4069.



This preview shows how white text looks on a background with the Yxy color 61.8084, 0.3598, 0.4069.

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

61.8084, 0.3598, 0.4069

Protanopia

61.7836, 0.3735, 0.4021

Deuteranopia

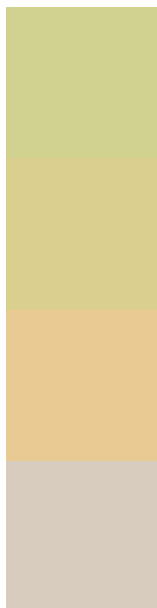
61.4516, 0.3919, 0.3829



Tritanopia

61.8431, 0.3151, 0.3112

Trichromacy



Original Color

61.8084, 0.3598, 0.4069

Protanomaly

61.5142, 0.3682, 0.4031

Deuteranomaly

61.4722, 0.3796, 0.3916

Tritanomaly

61.5024, 0.3323, 0.3452

Monochromacy



Original Color

61.8084, 0.3598, 0.4069

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9780, 0.3300, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8084, 0.3598, 0.4069 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(210, 210, 144)` looks like.

```
.text, #text, p{  
    color:rgb(210, 210, 144)  
}
```

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(210, 210, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 210, 144) }
```

Border

The CSS property to change the border of an element to Yxy 61.8084, 0.3598, 0.4069 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(210, 210, 144) }
```

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

```
.border{ border-color:rgb(210, 210, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 210, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 210, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 210, 144);  
box-shadow:4px 4px 4px 4px rgb(210, 210,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8084, 0.3598, 0.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 210, 144) }
```

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

```
.background{ background-color: rgb(210,  
210, 144) }
```

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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