

Converting Colors

Yxy(61.3456, 0.3580, 0.4124)

Have a look what the booklet for
Yxy(61.3456, 0.3580, 0.4124)
contains.

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Color

Yxy(61.4908, 0.3575, 0.4126)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CDD38D |
| RGB | 205, 211, 141 |
| RGB Percent | 80%, 83%, 55% |
| CMY | 0.1961, 0.1725, 0.4470 |
| CMYK | 0.03, 0.00, 0.33, 0.17 |
| HSL | 65°, 44%, 69% |
| HSV | 65°, 33%, 83% |
| XYZ | 53.2791, 61.4908, 34.2626 |
| YIQ | 201.2260, 18.8940, -23.0420 |

Conversions

Conversions Part 2

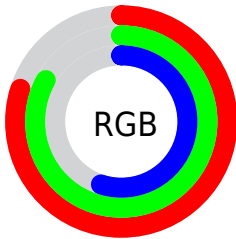
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 141, 211, 147 |
| Decimal | 13489037 |
| CIELab | 82.64, -12.92, 34.04 |
| CIELCh | 83, 36.406, 110.780 |
| Yxy | 61.4908, 0.3575, 0.4126 |
| Android (android.graphics.Color) | 4291679117 (0xFFCDD38D) |
| YUV | 201.2260, -29.6914, 3.3098 |
| Hunter-Lab | 78.4161, -15.9479, 28.9855 |

Details

The Yxy color **61.4908, 0.3575, 0.4126** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.9600, 0.2584, 0.2324**, and the grayscale version is **58.7369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **31.3362, 0.3671, 0.4344** is the 20% darker color. If you saturate the color by 10%, you get **60.6681, 0.3701, 0.4372**, and if you desaturate by 10%, it is **62.4417, 0.3441, 0.3871**.

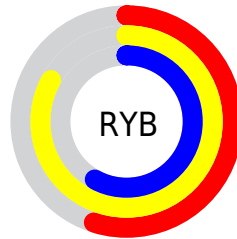
Distribution



Red (80%)

Green (83%)

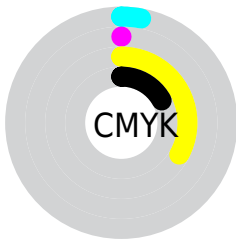
Blue (55%)



Red (55%)

Yellow (83%)

Blue (58%)

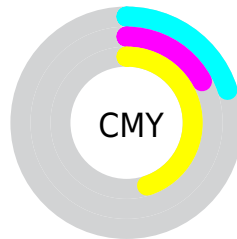


Cyan (3%)

Magenta (0%)

Yellow (33%)

Black (17%)



Cyan (20%)


Magenta (17%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4908, 0.3575, 0.4126 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 61.4908, 0.3575, 0.4126 by changing the saturation by 10% instead.


 61.4908, 0.3575,
0.4126

 61.4908, 0.3575,
0.4126

430.0713, 0.3371,
0.3721


 44.6214, 0.3619,
0.4222


 106.9893, 0.3506,
0.3983

 31.1593, 0.3672,
0.4341


 136.3871, 0.3478,
0.3928

 20.7202, 0.3736,
0.4494


 170.7298, 0.3454,
0.3881

 12.9196, 0.3813,
0.4695

210.4019, 0.3433,
0.3840

 7.3732, 0.3900,
0.4966

255.7877, 0.3415,
0.3805

 3.6966, 0.4053,
0.5433

307.2716, 0.3399,

 1.5053, 0.4056,

0.3773

0.5944

365.2380, 0.3384,
0.3746

0.2925, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.4908, 0.3575,
0.4126

61.4908, 0.3575,
0.4126

60.6681, 0.3701,
0.4372

62.4417, 0.3441,
0.3871

59.9584, 0.3814,
0.4598


63.5188, 0.3304,
0.3615

59.3570, 0.3907,
0.4795


64.7306, 0.3169,
0.3367


58.8555, 0.3977,
0.4954


66.0827, 0.3039,
0.3130

 58.4443, 0.4022,
0.5070

 67.5803, 0.2915,
0.2908

 58.1115, 0.4040,
0.5142

 68.3891, 0.2875,
0.2824

 57.9156, 0.4042,
0.5172

 68.6661, 0.2887,
0.2826

 68.9462, 0.2900,
0.2828

 69.2293, 0.2912,
0.2829

Harmonies

Analogous

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



61.4908, 0.3922, 0.3961



61.4908, 0.3575, 0.4126



61.4908, 0.3123, 0.4036

Triad

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



61.4908, 0.3575, 0.4126



61.4908, 0.2279, 0.2833



61.4908, 0.3548, 0.2926

Complementary

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



61.4908, 0.3575, 0.4126



29.9600, 0.2584, 0.2324

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.



61.4908, 0.3077, 0.2670



61.4908, 0.3575, 0.4126



61.4908, 0.2370, 0.2599

Square

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



61.4908, 0.3575, 0.4126



61.4908, 0.2390, 0.3230



61.4908, 0.2651, 0.2550



61.4908, 0.3918, 0.3272

Rectangle

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



61.4908, 0.3575, 0.4126



61.4908, 0.2825, 0.3828



61.4908, 0.2651, 0.2550



61.4908, 0.3394, 0.2828

Sweetspot

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



61.4936, 0.3575, 0.4126



98.0525, 0.3263, 0.3538



36.5912, 0.3871, 0.3366



20.9324, 0.3282, 0.3574



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.



61.4936, 0.3575, 0.4126



93.4577, 0.3668, 0.4306



57.0799, 0.3296, 0.4208



13.7439, 0.3253, 0.3521



34.9725, 0.4045, 0.5170



1.9710, 0.4074, 0.5147

Inverse Universe

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



29.9600, 0.2584, 0.2324



37.6578, 0.2440, 0.2075



33.6813, 0.2891, 0.2402



11.4655, 0.2995, 0.3051



2.9353, 0.1530, 0.0617



0.1813, 0.1624, 0.0668

Previews

White Background



This preview shows how the Yxy color 61.4908, 0.3575, 0.4126 looks on a white background.

Color Contrast Check

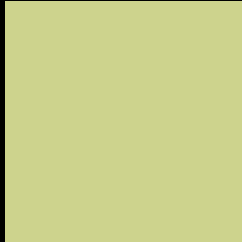
Large Text (above 18pt) WCAG AA × Fail

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 61.4908, 0.3575, 0.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

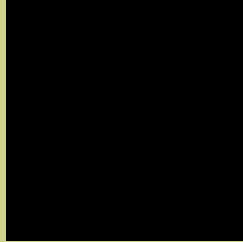
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4908, 0.3575, 0.4126

Background



This preview shows how black text looks on a background with the Yxy color 61.4908, 0.3575, 0.4126.



This preview shows how white text looks on a background with the Yxy color 61.4908, 0.3575, 0.4126.

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

61.4908, 0.3575, 0.4126

Protanopia

61.2147, 0.3760, 0.4044

Deuteranopia

61.3586, 0.3942, 0.3860



Tritanopia

61.0792, 0.3113, 0.3109

Trichromacy



Original Color

61.4908, 0.3575, 0.4126

Protanomaly

61.1180, 0.3687, 0.4070

Deuteranomaly

61.0472, 0.3802, 0.3953

Tritanomaly

61.1857, 0.3289, 0.3477

Monochromacy



Original Color

61.4908, 0.3575, 0.4126

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.4739, 0.3291, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4908, 0.3575, 0.4126 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(205, 211, 141)` looks like.

```
.text, #text, p{  
    color:rgb(205, 211, 141)  
}
```

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(205, 211, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 211, 141) }
```

Border

The CSS property to change the border of an element to Yxy 61.4908, 0.3575, 0.4126 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(205, 211, 141) }
```

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

```
.border{ border-color:rgb(205, 211, 141) }
```

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

Here you see how a box with a 4 pixel rgb(205, 211, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 211, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 211, 141);  
box-shadow:4px 4px 4px 4px rgb(205, 211,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4908, 0.3575, 0.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 211, 141) }
```

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

```
.background{ background-color: rgb(205,  
211, 141) }
```

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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