

Converting Colors

Yxy(61.4770, 0.3404, 0.3833)

Have a look what the booklet for
Yxy(61.4770, 0.3404, 0.3833)
contains.

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Color

Yxy(61.6109, 0.3407, 0.3841)

Conversions

Conversions Part 1

Format	Color
Hex	CCD2A4
RGB	204, 210, 164
RGB Percent	80%, 82%, 64%
CMY	0.2000, 0.1764, 0.3568
CMYK	0.03, 0.00, 0.22, 0.18
HSL	68°, 34%, 73%
HSV	68°, 22%, 82%
XYZ	54.6494, 61.6109, 44.1430
YIQ	202.9620, 11.1900, -15.5780

Conversions

Conversions Part 2

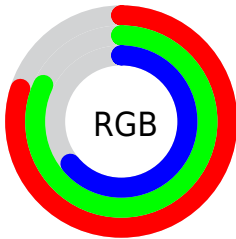
Format	Color
RYB	164, 210, 170
Decimal	13423268
CIELab	82.71, -9.69, 22.16
CIELCh	83, 24.185, 113.615
Yxy	61.6109, 0.3407, 0.3841
Android (android.graphics.Color)	4291613348 (0xFFCCD2A4)
YUV	202.9620, -19.2083, 0.9103
Hunter-Lab	78.4926, -13.0839, 21.6011

Details

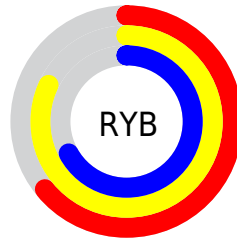
The Yxy color **61.6109, 0.3407, 0.3841** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.7617, 0.2809, 0.2692**, and the grayscale version is **59.8153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **31.3363, 0.3466, 0.3993** is the 20% darker color. If you saturate the color by 10%, you get **60.5318, 0.3533, 0.4100**, and if you desaturate by 10%, it is **62.8276, 0.3278, 0.3584**.

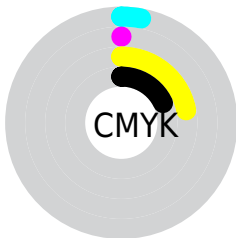
Distribution



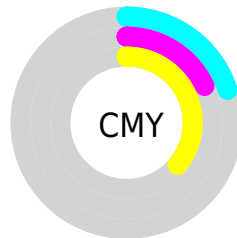
- Red (80%)
- Green (82%)
- Blue (64%)



- Red (64%)
- Yellow (82%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)





- Cyan (20%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6109, 0.3407, 0.3841 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 61.6109, 0.3407, 0.3841 by changing the saturation by 10% instead.


 61.6109, 0.3407,
0.3841


 61.6109, 0.3407,
0.3841

430.5104, 0.3277,
0.3574

 44.7184, 0.3437,
0.3905


 107.1630, 0.3362,
0.3746

 31.2357, 0.3473,
0.3985


 136.5913, 0.3344,
0.3710

 20.7784, 0.3518,
0.4090


170.9670, 0.3329,
0.3679

 12.9621, 0.3576,
0.4230

210.6746, 0.3316,
0.3652

 7.4024, 0.3651,
0.4426

256.0982, 0.3305,
0.3629

 3.7150, 0.3749,
0.4720

307.6225, 0.3294,

 1.5155, 0.4267,

0.3608

0.5733

365.6318, 0.3285,
0.3590

0.2996, 0.1387,
0.8613

0.0000, 0.0000,
0.0000

61.6109, 0.3407,
0.3841

61.6109, 0.3407,
0.3841

60.5318, 0.3533,
0.4100

62.8276, 0.3278,
0.3584

59.5759, 0.3653,
0.4354


64.1795, 0.3151,
0.3336

58.7393, 0.3759,
0.4590


65.6746, 0.3028,
0.3101

58.0146, 0.3847,
0.4801


67.3181, 0.2912,
0.2882

 57.3935, 0.3913,
0.4975

 68.1784, 0.2887,
0.2815

 56.8668, 0.3952,
0.5106


 68.6045, 0.2906,
0.2818

 56.4230, 0.3966,
0.5192

 69.0376, 0.2925,
0.2820

 56.1084, 0.3963,
0.5235

 69.4778, 0.2944,
0.2823

 69.9251, 0.2962,
0.2825

Harmonies

Analogous

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



61.6109, 0.3644, 0.3762



61.6109, 0.3407, 0.3841



61.6109, 0.3103, 0.3757

Triad

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



61.6109, 0.3407, 0.3841



61.6109, 0.2549, 0.2972



61.6109, 0.3436, 0.3066

Complementary

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



61.6109, 0.3407, 0.3841



39.7617, 0.2809, 0.2692

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.



61.6109, 0.3128, 0.2878



61.6109, 0.3407, 0.3841



61.6109, 0.2626, 0.2816

Square

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



61.6109, 0.3407, 0.3841



61.6109, 0.2616, 0.3231



61.6109, 0.2833, 0.2786



61.6109, 0.3665, 0.3311

Rectangle

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



61.6109, 0.3407, 0.3841



61.6109, 0.2904, 0.3615



61.6109, 0.2833, 0.2786



61.6109, 0.3337, 0.2994

Sweetspot

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



61.6136, 0.3407, 0.3841



98.4633, 0.3216, 0.3463



44.9034, 0.3555, 0.3358



21.0479, 0.3224, 0.3478



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.



61.6136, 0.3407, 0.3841



94.8342, 0.3463, 0.3955



58.6794, 0.3231, 0.3873



13.7160, 0.3246, 0.3521



34.2545, 0.3966, 0.5233



1.9376, 0.4011, 0.5198

Inverse Universe

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



39.7617, 0.2809, 0.2692



55.4062, 0.2734, 0.2555



42.4679, 0.2998, 0.2724



11.4907, 0.3002, 0.3051



3.0089, 0.1553, 0.0629



0.1931, 0.1686, 0.0702

Previews

White Background



This preview shows how the Yxy color 61.6109, 0.3407, 0.3841 looks on a white background.

Color Contrast Check

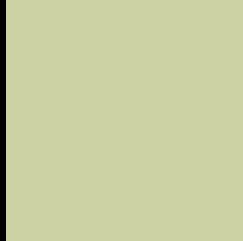
Large Text (above 18pt) WCAG AA × Fail

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 61.6109, 0.3407, 0.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

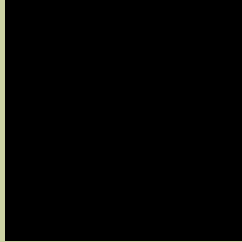
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

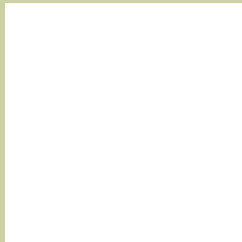
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6109, 0.3407, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 61.6109, 0.3407, 0.3841.



This preview shows how white text looks on a background with the Yxy color 61.6109, 0.3407, 0.3841.

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

61.6109, 0.3407, 0.3841

Protanopia

61.3313, 0.3556, 0.3789

Deuteranopia

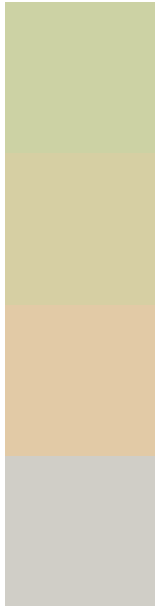
61.5289, 0.3705, 0.3632



Tritanopia

61.6752, 0.3075, 0.3109

Trichromacy



Original Color

61.6109, 0.3407, 0.3841

Protanomaly

61.5661, 0.3502, 0.3806

Deuteranomaly

61.1630, 0.3592, 0.3700

Tritanomaly

61.6760, 0.3192, 0.3372

Monochromacy



Original Color

61.6109, 0.3407, 0.3841

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.5132, 0.3225, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6109, 0.3407, 0.3841 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(204, 210, 164)` looks like.

```
.text, #text, p{  
    color:rgb(204, 210, 164)  
}
```

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(204, 210, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 210, 164) }
```

Border

The CSS property to change the border of an element to Yxy 61.6109, 0.3407, 0.3841 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(204, 210, 164) }
```

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

```
.border{ border-color:rgb(204, 210, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 210, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 210, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 210, 164);  
box-shadow:4px 4px 4px 4px rgb(204, 210,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6109, 0.3407, 0.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 210, 164) }
```

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

```
.background{ background-color: rgb(204,  
210, 164) }
```

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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