

Converting Colors

$Yxy(61.2998, 0.3389, 0.4007)$

Have a look what the booklet for
Yxy(61.2998, 0.3389, 0.4007)
contains.

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Color

Yxy(61.3909, 0.3392, 0.4014)

Conversions

Conversions Part 1

Format	Color
Hex	C2D59A
RGB	194, 213, 154
RGB Percent	76%, 84%, 60%
CMY	0.2391, 0.1647, 0.3962
CMYK	0.09, 0.00, 0.28, 0.16
HSL	79°, 41%, 72%
HSV	79°, 28%, 84%
XYZ	51.8779, 61.3909, 39.6731
YIQ	200.5930, 7.6150, -22.3770

Conversions

Conversions Part 2

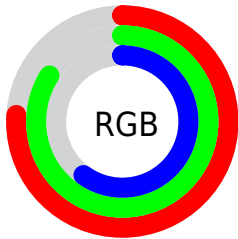
Format	Color
RYB	154, 213, 173
Decimal	12768666
CIELab	82.59, -16.33, 27.13
CIElCh	83, 31.668, 121.046
Yxy	61.3909, 0.3392, 0.4014
Android (android.graphics.Color)	4290958746 (0xFFC2D59A)
YUV	200.5930, -22.9703, -5.7821
Hunter-Lab	78.3523, -18.9299, 24.8256

Details

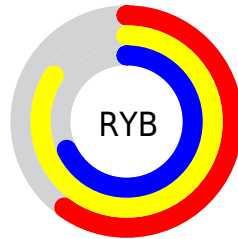
The Yxy color **61.3909, 0.3392, 0.4014** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.7831, 0.2804, 0.2529**, and the grayscale version is **58.2872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6327, 0.3373, 0.3744**, and **30.9885, 0.3455, 0.4208** is the 20% darker color. If you saturate the color by 10%, you get **59.8605, 0.3481, 0.4292**, and if you desaturate by 10%, it is **63.0943, 0.3297, 0.3741**.

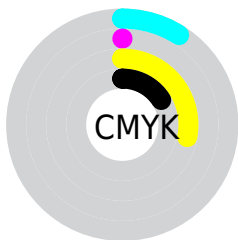
Distribution



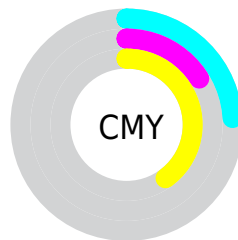
- Red (76%)
- Green (84%)
- Blue (60%)



- Red (60%)
- Yellow (84%)
- Blue (68%)



- Cyan (9%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)





- Cyan (24%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3909, 0.3392, 0.4014 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 61.3909, 0.3392, 0.4014 by changing the saturation by 10% instead.

 61.3909, 0.3392,
0.4014


 61.3909, 0.3392,
0.4014


429.7058, 0.3273,
0.3659

 44.5407, 0.3418,
0.4100


 106.8447, 0.3352,
0.3887

 31.0958, 0.3448,
0.4208


 136.2172, 0.3336,
0.3839

 20.6718, 0.3485,
0.4348


170.5325, 0.3322,
0.3798

 12.8843, 0.3529,
0.4538

210.1750, 0.3309,
0.3762

 7.3489, 0.3579,
0.4804

255.5292, 0.3299,
0.3732

 3.6813, 0.3628,
0.5204

306.9795, 0.3289,

 1.4969, 0.3829,

0.3705

0.6171

364.9102, 0.3280,
0.3681

■ 0.2866, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3909, 0.3392,
0.4014

■ 61.3909, 0.3392,
0.4014

■ 59.8605, 0.3481,
0.4292

■ 63.0943, 0.3297,
0.3741

■ 58.4879, 0.3558,
0.4566

■ 64.9694, 0.3201,
0.3480

■ 57.2680, 0.3620,
0.4823

■ 67.0252, 0.3106,
0.3236

■ 56.1919, 0.3662,
0.5053

■ 69.2676, 0.3013,
0.3010

■ 55.2502, 0.3679,
0.5243

■ 71.3449, 0.2960,
0.2857

■ 54.4313, 0.3671,
0.5385

■ 72.4887, 0.3007,
0.2863

■ 53.7197, 0.3641,
0.5479

■ 73.6772, 0.3055,
0.2869

■ 53.5664, 0.3632,
0.5498

■ 74.9112, 0.3103,
0.2875

■ 76.0687, 0.3146,
0.2881

Harmonies

Analogous

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



61.3909, 0.3737, 0.3947



61.3909, 0.3392, 0.4014



61.3909, 0.2990, 0.3851

Triad

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



61.3909, 0.3392, 0.4014



61.3909, 0.2388, 0.2806



61.3909, 0.3620, 0.3070

Complementary

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



61.3909, 0.3392, 0.4014



36.7831, 0.2804, 0.2529

Split Complementary

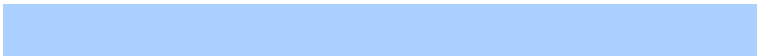
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.3909, 0.3227, 0.2809



61.3909, 0.3392, 0.4014



61.3909, 0.2530, 0.2651

Square

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



61.3909, 0.3392, 0.4014



61.3909, 0.2427, 0.3112



61.3909, 0.2829, 0.2658



61.3909, 0.3881, 0.3391

Rectangle

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



61.3909, 0.3392, 0.4014



61.3909, 0.2745, 0.3633



61.3909, 0.2829, 0.2658



61.3909, 0.3498, 0.2974

Sweetspot

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



61.3936, 0.3392, 0.4014



97.5326, 0.3205, 0.3490



46.2362, 0.3666, 0.3521



20.7809, 0.3219, 0.3528



0.0000, 0.0000, 0.0000



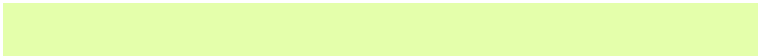
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3936, 0.3392, 0.4014



90.9407, 0.3443, 0.4170



57.8978, 0.3168, 0.4067



14.3106, 0.3217, 0.3524



32.7777, 0.3640, 0.5492



2.0206, 0.3738, 0.5414

Inverse Universe

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



36.7831, 0.2804, 0.2529



48.2811, 0.2723, 0.2354



40.4868, 0.3061, 0.2584



12.2005, 0.3031, 0.3052



3.7444, 0.1734, 0.0729



0.2698, 0.1927, 0.0835

Previews

White Background



This preview shows how the Yxy color 61.3909, 0.3392, 0.4014 looks on a white background.

Color Contrast Check

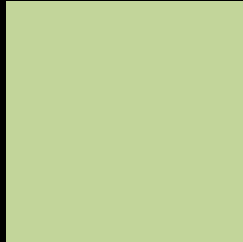
Large Text (above 18pt) WCAG AA × Fail

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 61.3909, 0.3392, 0.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

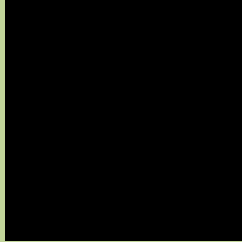
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

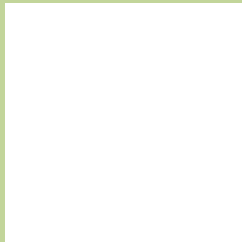
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3909, 0.3392, 0.4014

Background



This preview shows how black text looks on a background with the Yxy color 61.3909, 0.3392, 0.4014.



This preview shows how white text looks on a background with the Yxy color 61.3909, 0.3392, 0.4014.

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

61.3909, 0.3392, 0.4014

Protanopia

61.0803, 0.3654, 0.3926

Deuteranopia

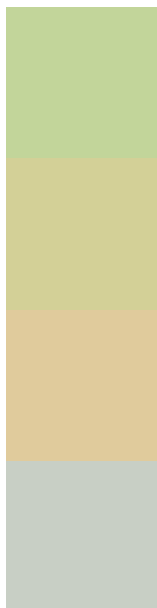
61.0676, 0.3805, 0.3728



Tritanopia

61.1027, 0.3002, 0.3095

Trichromacy



Original Color

61.3909, 0.3392, 0.4014

Protanomaly

61.1950, 0.3563, 0.3964

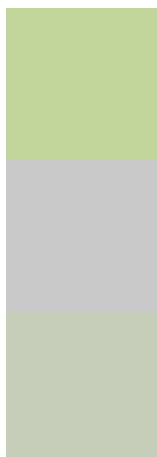
Deuteranomaly

60.9595, 0.3649, 0.3829

Tritanomaly

60.9362, 0.3144, 0.3409

Monochromacy



Original Color

61.3909, 0.3392, 0.4014

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1291, 0.3223, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3909, 0.3392, 0.4014 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(194, 213, 154)` looks like.

```
.text, #text, p{  
    color:rgb(194, 213, 154)  
}
```

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(194, 213, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 213, 154) }
```

Border

The CSS property to change the border of an element to Yxy 61.3909, 0.3392, 0.4014 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(194, 213, 154) }
```

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

```
.border{ border-color:rgb(194, 213, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 213, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 213, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 213, 154);  
box-shadow:4px 4px 4px 4px rgb(194, 213,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3909, 0.3392, 0.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 213, 154) }
```

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

```
.background{ background-color: rgb(194,  
213, 154) }
```

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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