

Converting Colors

$Yxy(61.1390, 0.3436, 0.3915)$

Have a look what the booklet for
Yxy(61.1390, 0.3436, 0.3915)
contains.

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Color

Yxy(61.1184, 0.3434, 0.3917)

Conversions

Conversions Part 1

Format	Color
Hex	CAD29E
RGB	202, 210, 158
RGB Percent	79%, 82%, 62%
CMY	0.2077, 0.1765, 0.3803
CMYK	0.04, 0.00, 0.25, 0.18
HSL	69°, 37%, 72%
HSV	69°, 25%, 82%
XYZ	53.5820, 61.1184, 41.3333
YIQ	201.6800, 11.9240, -17.8680

Conversions

Conversions Part 2

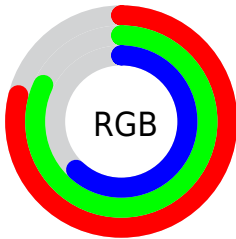
Format	Color
RYB	158, 210, 166
Decimal	13292190
CIELab	82.44, -11.28, 24.91
CIElCh	82, 27.347, 114.351
Yxy	61.1184, 0.3434, 0.3917
Android (android.graphics.Color)	4291482270 (0xFFCAD29E)
YUV	201.6800, -21.5342, 0.2806
Hunter-Lab	78.1783, -14.4713, 23.3778

Details

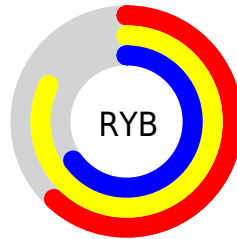
The Yxy color $61.1184, 0.3434, 0.3917$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $37.2241, 0.2771, 0.2605$, and the grayscale version is $58.9888, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.5841, 0.3376, 0.3701$, and $31.0206, 0.3500, 0.4094$ is the 20% darker color. If you saturate the color by 10%, you get $60.0137, 0.3555, 0.4178$, and if you desaturate by 10%, it is $62.3615, 0.3309, 0.3657$.

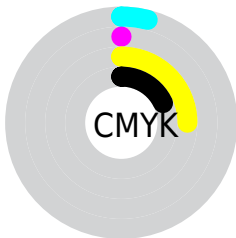
Distribution



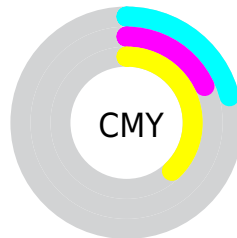
- Red (79%)
- Green (82%)
- Blue (62%)



- Red (62%)
- Yellow (82%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)





- Cyan (21%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1184, 0.3434, 0.3917 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 61.1184, 0.3434, 0.3917 by changing the saturation by 10% instead.


 61.1184, 0.3434,
0.3917

 61.1184, 0.3434,
0.3917

428.7080, 0.3292,
0.3612

 44.3207, 0.3466,
0.3990


 106.4504, 0.3385,
0.3808

 30.9227, 0.3505,
0.4082


 135.7534, 0.3366,
0.3767

 20.5400, 0.3553,
0.4201


169.9937, 0.3349,
0.3732

 12.7882, 0.3613,
0.4361

209.5557, 0.3335,
0.3701

 7.2829, 0.3690,
0.4585

254.8237, 0.3322,
0.3675

 3.6396, 0.3782,
0.4916

306.1822, 0.3311,

 1.4741, 0.4157,

0.3651

0.5843

364.0155, 0.3301,
0.3631

■ 0.2704, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1184, 0.3434,
0.3917

■ 61.1184, 0.3434,
0.3917

■ 60.0137, 0.3555,
0.4178

■ 62.3615, 0.3309,
0.3657

■ 59.0328, 0.3667,
0.4431

■ 63.7408, 0.3185,
0.3405

■ 58.1717, 0.3764,
0.4665

■ 65.2644, 0.3064,
0.3166

■ 57.4228, 0.3842,
0.4870


■ 66.9376, 0.2949,
0.2943


 56.7774, 0.3897,
0.5037


 68.2374, 0.2890,
0.2815

 56.2258, 0.3925,
0.5160


 68.7393, 0.2912,
0.2818

 55.7559, 0.3928,
0.5238

 69.2510, 0.2934,
0.2821

 55.5305, 0.3923,
0.5267

 69.7724, 0.2956,
0.2825

 70.3036, 0.2979,
0.2828

Harmonies

Analogous

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



61.1184, 0.3707, 0.3827



61.1184, 0.3434, 0.3917



61.1184, 0.3089, 0.3819

Triad

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



61.1184, 0.3434, 0.3917



61.1184, 0.2476, 0.2922



61.1184, 0.3485, 0.3042

Complementary

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



61.1184, 0.3434, 0.3917



37.2241, 0.2771, 0.2605

Split Complementary

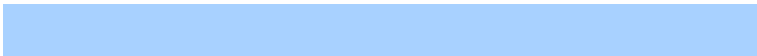
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.1184, 0.3135, 0.2830



61.1184, 0.3434, 0.3917



61.1184, 0.2566, 0.2752

Square

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



61.1184, 0.3434, 0.3917



61.1184, 0.2546, 0.3212



61.1184, 0.2802, 0.2724



61.1184, 0.3742, 0.3318

Rectangle

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



61.1184, 0.3434, 0.3917



61.1184, 0.2865, 0.3653



61.1184, 0.2802, 0.2724



61.1184, 0.3373, 0.2962

Sweetspot

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



61.1211, 0.3434, 0.3917



98.3875, 0.3214, 0.3463



43.3796, 0.3621, 0.3388



21.0303, 0.3221, 0.3478



0.0000, 0.0000, 0.0000



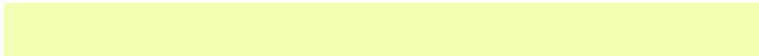
21.4041, 0.3127, 0.3290

Same Dimension

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



61.1211, 0.3434, 0.3917



93.8561, 0.3502, 0.4063



57.8168, 0.3231, 0.3959



13.7020, 0.3243, 0.3521



33.9095, 0.3927, 0.5264



1.9214, 0.3979, 0.5223

Inverse Universe

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



37.2241, 0.2771, 0.2605



50.2377, 0.2675, 0.2427



40.2983, 0.2993, 0.2648



11.5035, 0.3005, 0.3051



3.0556, 0.1567, 0.0637



0.1991, 0.1717, 0.0719

Previews

White Background



This preview shows how the Yxy color 61.1184, 0.3434, 0.3917 looks on a white background.

Color Contrast Check

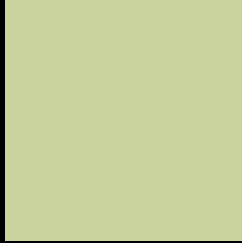
Large Text (above 18pt) WCAG AA × Fail

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 61.1184, 0.3434, 0.3917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

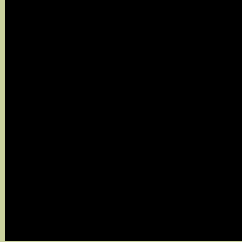
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

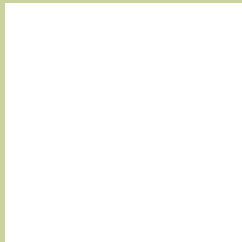
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1184, 0.3434, 0.3917

Background



This preview shows how black text looks on a background with the Yxy color 61.1184, 0.3434, 0.3917.



This preview shows how white text looks on a background with the Yxy color 61.1184, 0.3434, 0.3917.

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

61.1184, 0.3434, 0.3917

Protanopia

61.1230, 0.3601, 0.3858

Deuteranopia

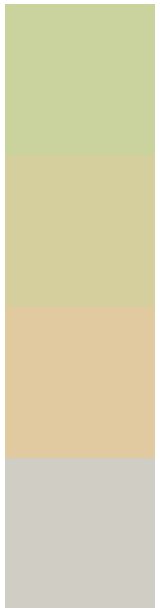
61.0310, 0.3765, 0.3686



Tritanopia

61.0047, 0.3075, 0.3108

Trichromacy



Original Color

61.1184, 0.3434, 0.3917

Protanomaly

61.2061, 0.3538, 0.3878

Deuteranomaly

60.9479, 0.3638, 0.3769

Tritanomaly

60.9136, 0.3207, 0.3396

Monochromacy



Original Color

61.1184, 0.3434, 0.3917

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.7644, 0.3240, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1184, 0.3434, 0.3917 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(202, 210, 158)` looks like.

```
.text, #text, p{  
    color:rgb(202, 210, 158)  
}
```

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(202, 210, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 210, 158) }
```

Border

The CSS property to change the border of an element to Yxy 61.1184, 0.3434, 0.3917 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(202, 210, 158) }
```

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

```
.border{ border-color:rgb(202, 210, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 210, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 210, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 210, 158);  
box-shadow:4px 4px 4px 4px rgb(202, 210,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1184, 0.3434, 0.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 210, 158) }
```

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

```
.background{ background-color: rgb(202,  
210, 158) }
```

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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