

Converting Colors

Yxy(61.1747, 0.3614, 0.4146)

Have a look what the booklet for
Yxy(61.1747, 0.3614, 0.4146)
contains.

Yxy(61.1936, 0.3616, 0.4146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.1936, 0.3616, 0.4146)

Conversions

Conversions Part 1

Format	Color
Hex	CFD28A
RGB	207, 210, 138
RGB Percent	81%, 82%, 54%
CMY	0.1881, 0.1765, 0.4589
CMYK	0.01, 0.00, 0.34, 0.18
HSL	62°, 44%, 68%
HSV	62°, 34%, 82%
XYZ	53.3710, 61.1936, 33.0321
YIQ	200.8950, 21.3240, -23.0280

Conversions

Conversions Part 2

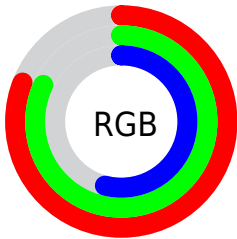
Format	Color
RYB	138, 210, 141
Decimal	13619850
CIELab	82.48, -11.99, 35.41
CIELCh	82, 37.387, 108.710
Yxy	61.1936, 0.3616, 0.4146
Android (android.graphics.Color)	4291809930 (0xFFCFD28A)
YUV	200.8950, -31.0072, 5.3541
Hunter-Lab	78.2263, -15.1121, 29.7224

Details

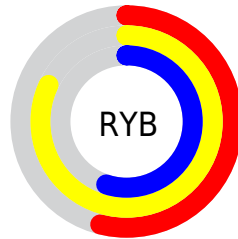
The Yxy color **61.1936, 0.3616, 0.4146** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.4796, 0.2536, 0.2279**, and the grayscale version is **58.5287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5858, 0.3502, 0.3910**, and **31.1405, 0.3723, 0.4366** is the 20% darker color. If you saturate the color by 10%, you get **60.5216, 0.3749, 0.4384**, and if you desaturate by 10%, it is **61.9894, 0.3475, 0.3896**.

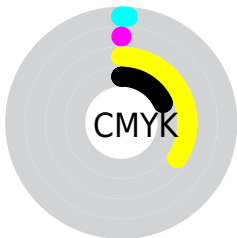
Distribution



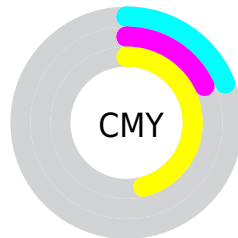
- Red (81%)
- Green (82%)
- Blue (54%)



- Red (54%)
- Yellow (82%)
- Blue (55%)



- Cyan (1%)
- Magenta (0%)
- Yellow (34%)
- Black (18%)





- Cyan (19%)
- Magenta (18%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1936, 0.3616, 0.4146 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 61.1936, 0.3616, 0.4146 by changing the saturation by 10% instead.


 61.1936, 0.3616,
0.4146


 61.1936, 0.3616,
0.4146

428.9835, 0.3393,
0.3732


 44.3814, 0.3665,
0.4243


 106.5592, 0.3540,
0.4000

 30.9705, 0.3723,
0.4365


 135.8814, 0.3510,
0.3944

 20.5764, 0.3793,
0.4519


 170.1425, 0.3484,
0.3896

 12.8147, 0.3876,
0.4720

209.7267, 0.3461,
0.3854

 7.3011, 0.3971,
0.4989

255.0185, 0.3441,
0.3818

 3.6511, 0.4163,
0.5485

306.4023, 0.3423,

 1.4804, 0.4112,

0.3786

0.5888

364.2625, 0.3407,
0.3758

0.2749, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.1936, 0.3616,
0.4146

61.1936, 0.3616,
0.4146

60.5216, 0.3749,
0.4384

61.9894, 0.3475,
0.3896

59.9583, 0.3868,
0.4600

62.9069, 0.3330,
0.3643


59.4990, 0.3967,
0.4784


63.9548, 0.3187,
0.3394

59.1353, 0.4042,
0.4929


65.1385, 0.3049,
0.3156

 58.8573, 0.4091,
0.5030


 66.4632, 0.2919,
0.2931


 58.6532, 0.4115,
0.5089

 67.3422, 0.2850,
0.2810

 58.5581, 0.4121,
0.5110

 67.4713, 0.2856,
0.2811

 67.6010, 0.2862,
0.2812

 67.7315, 0.2868,
0.2812

Harmonies

Analogous

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



61.1936, 0.3962, 0.3960



61.1936, 0.3616, 0.4146



61.1936, 0.3154, 0.4075

Triad

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



61.1936, 0.3616, 0.4146



61.1936, 0.2258, 0.2843



61.1936, 0.3528, 0.2895

Complementary

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



61.1936, 0.3616, 0.4146



28.4796, 0.2536, 0.2279

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.



61.1936, 0.3041, 0.2640



61.1936, 0.3616, 0.4146



61.1936, 0.2337, 0.2591

Square

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



61.1936, 0.3616, 0.4146



61.1936, 0.2385, 0.3259



61.1936, 0.2612, 0.2528



61.1936, 0.3921, 0.3244

Rectangle

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



61.1936, 0.3616, 0.4146



61.1936, 0.2846, 0.3871



61.1936, 0.2612, 0.2528



61.1936, 0.3368, 0.2797

Sweetspot

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



61.1964, 0.3616, 0.4146



98.2665, 0.3270, 0.3538



34.4011, 0.3921, 0.3323



20.9846, 0.3290, 0.3573



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.



61.1964, 0.3616, 0.4146



94.1889, 0.3712, 0.4318



56.6502, 0.3329, 0.4233



13.7718, 0.3260, 0.3520



35.7315, 0.4122, 0.5109



2.0057, 0.4136, 0.5098

Inverse Universe

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



28.4796, 0.2536, 0.2279



36.1211, 0.2388, 0.2030



32.0974, 0.2848, 0.2361



11.4406, 0.2988, 0.3050



2.8831, 0.1514, 0.0608



0.1695, 0.1560, 0.0633

Previews

White Background



This preview shows how the Yxy color 61.1936, 0.3616, 0.4146 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 61.1936, 0.3616, 0.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

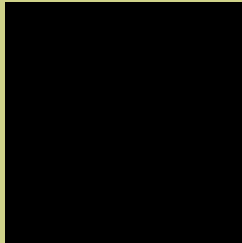
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1936, 0.3616, 0.4146

Background



This preview shows how black text looks on a background with the Yxy color 61.1936, 0.3616, 0.4146.



This preview shows how white text looks on a background with the Yxy color 61.1936, 0.3616, 0.4146.

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

61.1936, 0.3616, 0.4146

Protanopia

61.1282, 0.3782, 0.4077

Deuteranopia

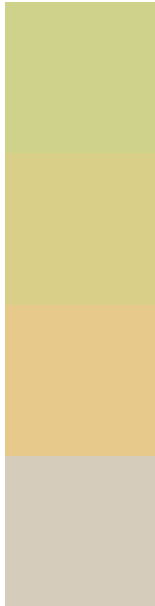
60.8154, 0.3970, 0.3882



Tritanopia

60.8654, 0.3136, 0.3110

Trichromacy



Original Color

61.1936, 0.3616, 0.4146

Protanomaly

61.1835, 0.3717, 0.4101

Deuteranomaly

60.6557, 0.3837, 0.3973

Tritanomaly

60.9627, 0.3314, 0.3477

Monochromacy



Original Color

61.1936, 0.3616, 0.4146

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.0966, 0.3308, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1936, 0.3616, 0.4146 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(207, 210, 138)` looks like.

```
.text, #text, p{  
    color:rgb(207, 210, 138)  
}
```

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(207, 210, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 210, 138) }
```

Border

The CSS property to change the border of an element to Yxy 61.1936, 0.3616, 0.4146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

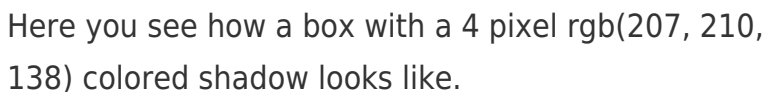
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 210, 138) }
```

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

```
.border{ border-color:rgb(207, 210, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 210, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 210, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 210, 138);  
box-shadow:4px 4px 4px 4px rgb(207, 210,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1936, 0.3616, 0.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 210, 138) }
```

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

```
.background{ background-color: rgb(207,  
210, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor