

Converting Colors

$Yxy(60.7397, 0.3541, 0.4011)$

Have a look what the booklet for
Yxy(60.7397, 0.3541, 0.4011)
contains.

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Color

Yxy(60.8609, 0.3540, 0.4020)

Conversions

Conversions Part 1

Format	Color
Hex	CED194
RGB	206, 209, 148
RGB Percent	81%, 82%, 58%
CMY	0.1923, 0.1803, 0.4196
CMYK	0.01, 0.00, 0.29, 0.18
HSL	63°, 40%, 70%
HSV	63°, 29%, 82%
XYZ	53.5939, 60.8609, 36.9404
YIQ	201.1490, 17.7930, -19.6070

Conversions

Conversions Part 2

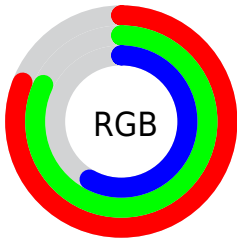
Format	Color
RYB	148, 209, 151
Decimal	13554068
CIELab	82.30, -10.65, 30.00
CIELCh	82, 31.833, 109.543
Yxy	60.8609, 0.3540, 0.4020
Android (android.graphics.Color)	4291744148 (0xFFCED194)
YUV	201.1490, -26.2025, 4.2543
Hunter-Lab	78.0134, -13.8969, 26.5347

Details

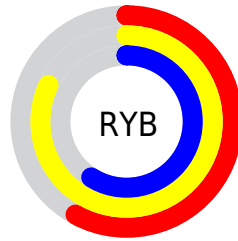
The Yxy color **60.8609, 0.3540, 0.4020** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.3687, 0.2642, 0.2453**, and the grayscale version is **58.6625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **30.8851, 0.3630, 0.4208** is the 20% darker color. If you saturate the color by 10%, you get **60.1118, 0.3676, 0.4266**, and if you desaturate by 10%, it is **61.7359, 0.3398, 0.3767**.

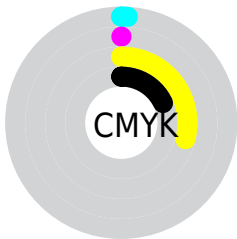
Distribution



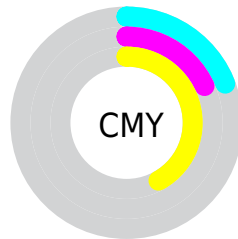
- Red (81%)
- Green (82%)
- Blue (58%)



- Red (58%)
- Yellow (82%)
- Blue (59%)



- Cyan (1%)
- Magenta (0%)
- Yellow (29%)
- Black (18%)




- Cyan (19%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8609, 0.3540, 0.4020 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 60.8609, 0.3540, 0.4020 by changing the saturation by 10% instead.


 60.8609, 0.3540,
0.4020


 60.8609, 0.3540,
0.4020


427.7638, 0.3349,
0.3666

 44.1129, 0.3582,
0.4104


 106.0775, 0.3474,
0.3894

 30.7593, 0.3634,
0.4209


 135.3149, 0.3449,
0.3846

 20.4156, 0.3697,
0.4345

169.4843, 0.3427,
0.3805

 12.6975, 0.3776,
0.4523

208.9699, 0.3407,
0.3770

 7.2206, 0.3872,
0.4768

254.1563, 0.3390,
0.3739

 3.6004, 0.4006,
0.5148

305.4278, 0.3375,

 1.4527, 0.4195,

0.3712

0.5805

363.1689, 0.3361,
0.3688

0.2551, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.8609, 0.3540,
0.4020

60.8609, 0.3540,
0.4020

60.1118, 0.3676,
0.4266

61.7359, 0.3398,
0.3767

59.4741, 0.3802,
0.4496


62.7347, 0.3255,
0.3515

58.9433, 0.3910,
0.4699


63.8655, 0.3116,
0.3271

58.5118, 0.3996,
0.4867


65.1335, 0.2983,
0.3039


 58.1706, 0.4057,
0.4993


 66.5437, 0.2858,
0.2823


 57.9091, 0.4092,
0.5075


 66.8575, 0.2850,
0.2799

 57.7099, 0.4105,
0.5119

 67.0130, 0.2857,
0.2800

 57.6946, 0.4106,
0.5122

 67.1695, 0.2864,
0.2801

 67.3270, 0.2871,
0.2802

Harmonies

Analogous

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



60.8609, 0.3837, 0.3876



60.8609, 0.3540, 0.4020



60.8609, 0.3144, 0.3946

Triad

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



60.8609, 0.3540, 0.4020



60.8609, 0.2376, 0.2904



60.8609, 0.3481, 0.2958

Complementary

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



60.8609, 0.3540, 0.4020



32.3687, 0.2642, 0.2453

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.



60.8609, 0.3068, 0.2732



60.8609, 0.3540, 0.4020



60.8609, 0.2450, 0.2686

Square

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



60.8609, 0.3540, 0.4020



60.8609, 0.2484, 0.3258



60.8609, 0.2695, 0.2632



60.8609, 0.3810, 0.3265

Rectangle

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



60.8609, 0.3540, 0.4020



60.8609, 0.2879, 0.3771



60.8609, 0.2695, 0.2632



60.8609, 0.3346, 0.2871

Sweetspot

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



60.8636, 0.3540, 0.4020



98.3928, 0.3254, 0.3513



37.5202, 0.3763, 0.3318



21.0080, 0.3275, 0.3549



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.



60.8636, 0.3540, 0.4020



94.6903, 0.3626, 0.4174



57.0312, 0.3302, 0.4080



13.7664, 0.3258, 0.3520



35.5809, 0.4107, 0.5121



1.9989, 0.4124, 0.5108

Inverse Universe

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



32.3687, 0.2642, 0.2453



42.9697, 0.2519, 0.2243



35.5537, 0.2898, 0.2510



11.4454, 0.2989, 0.3050



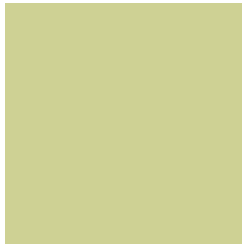
2.8925, 0.1517, 0.0609



0.1718, 0.1573, 0.0640

Previews

White Background



This preview shows how the Yxy color 60.8609, 0.3540, 0.4020 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 60.8609, 0.3540, 0.4020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

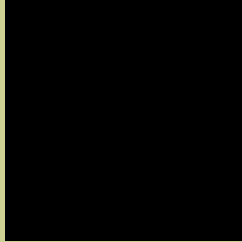
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

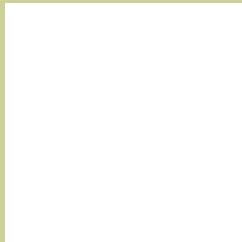
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8609, 0.3540, 0.4020

Background



This preview shows how black text looks on a background with the Yxy color 60.8609, 0.3540, 0.4020.



This preview shows how white text looks on a background with the Yxy color 60.8609, 0.3540, 0.4020.

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

60.8609, 0.3540, 0.4020

Protanopia

60.4767, 0.3687, 0.3961

Deuteranopia

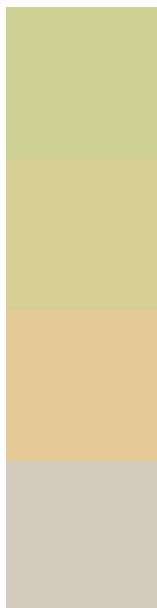
60.5915, 0.3866, 0.3781



Tritanopia

60.7135, 0.3128, 0.3109

Trichromacy



Original Color

60.8609, 0.3540, 0.4020

Protanomaly

60.6963, 0.3631, 0.3981

Deuteranomaly

60.6333, 0.3744, 0.3867

Tritanomaly

60.4705, 0.3285, 0.3430

Monochromacy



Original Color

60.8609, 0.3540, 0.4020

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2596, 0.3279, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8609, 0.3540, 0.4020 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(206, 209, 148)` looks like.

```
.text, #text, p{  
    color:rgb(206, 209, 148)  
}
```

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(206, 209, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 209, 148) }
```

Border

The CSS property to change the border of an element to Yxy 60.8609, 0.3540, 0.4020 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(206, 209, 148) }
```

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

```
.border{ border-color:rgb(206, 209, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 209, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 209, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 209, 148);  
box-shadow:4px 4px 4px 4px rgb(206, 209,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8609, 0.3540, 0.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 209, 148) }
```

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

```
.background{ background-color: rgb(206,  
209, 148) }
```

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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