

Converting Colors

Yxy(61.0333, 0.3504, 0.4078)

Have a look what the booklet for
Yxy(61.0333, 0.3504, 0.4078)
contains.

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Color

Yxy(60.9432, 0.3500, 0.4078)

Conversions

Conversions Part 1

Format	Color
Hex	C8D392
RGB	200, 211, 146
RGB Percent	78%, 83%, 57%
CMY	0.2156, 0.1725, 0.4275
CMYK	0.05, 0.00, 0.31, 0.17
HSL	70°, 42%, 70%
HSV	70°, 31%, 83%
XYZ	52.3053, 60.9432, 36.1953
YIQ	200.3010, 14.3090, -22.5470

Conversions

Conversions Part 2

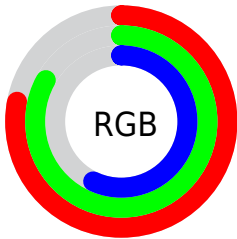
Format	Color
RYB	146, 211, 157
Decimal	13161362
CIELab	82.35, -14.18, 31.02
CIELCh	82, 34.106, 114.562
Yxy	60.9432, 0.3500, 0.4078
Android (android.graphics.Color)	4291351442 (0xFFC8D392)
YUV	200.3010, -26.7704, -0.2640
Hunter-Lab	78.0661, -17.0183, 27.1565

Details

The Yxy color **60.9432, 0.3500, 0.4078** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.4225, 0.2675, 0.2413**, and the grayscale version is **58.1184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9501, 0.3454, 0.3830**, and **30.9599, 0.3573, 0.4288** is the 20% darker color. If you saturate the color by 10%, you get **59.8637, 0.3613, 0.4337**, and if you desaturate by 10%, it is **62.1607, 0.3380, 0.3815**.

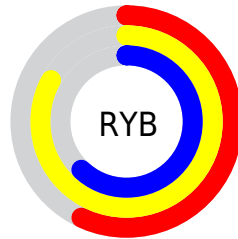
Distribution



Red (78%)

Green (83%)

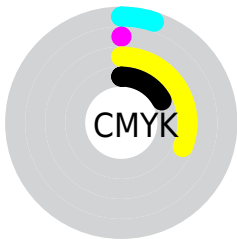
Blue (57%)



Red (57%)

Yellow (83%)

Blue (62%)

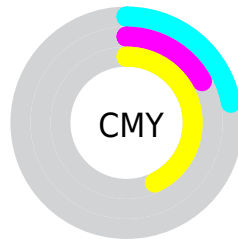


Cyan (5%)

Magenta (0%)

Yellow (31%)

Black (17%)



Cyan (22%)


Magenta (17%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9432, 0.3500, 0.4078 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 60.9432, 0.3500, 0.4078 by changing the saturation by 10% instead.


 60.9432, 0.3500,
0.4078


 60.9432, 0.3500,
0.4078

428.0657, 0.3330,
0.3694

 44.1793, 0.3537,
0.4170

 106.1967, 0.3442,
0.3941

 30.8115, 0.3581,
0.4285


 135.4551, 0.3419,
0.3889

 20.4554, 0.3635,
0.4434


169.6471, 0.3400,
0.3844

 12.7265, 0.3699,
0.4632

209.1572, 0.3382,
0.3806

 7.2405, 0.3774,
0.4905

254.3697, 0.3367,
0.3773

 3.6129, 0.3880,
0.5343

305.6690, 0.3353,

 1.4595, 0.3963,

0.3743

0.6037

363.4396, 0.3341,
0.3717

0.2600, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.9432, 0.3500,
0.4078

60.9432, 0.3500,
0.4078

59.8637, 0.3613,
0.4337

62.1607, 0.3380,
0.3815

58.9074, 0.3714,
0.4582


63.5144, 0.3258,
0.3557


58.0696, 0.3798,
0.4803


65.0127, 0.3137,
0.3309


57.3420, 0.3859,
0.4990


66.6612, 0.3020,
0.3077


 56.7152, 0.3895,
0.5134

 68.4650, 0.2910,
0.2861

 56.1780, 0.3905,
0.5232

 69.2438, 0.2913,
0.2829

 55.7451, 0.3895,
0.5289

 69.8105, 0.2937,
0.2832

 70.3891, 0.2961,
0.2836

 70.9797, 0.2986,
0.2839

Harmonies

Analogous

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



60.9432, 0.3844, 0.3954



60.9432, 0.3500, 0.4078



60.9432, 0.3070, 0.3959

Triad

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



60.9432, 0.3500, 0.4078



60.9432, 0.2326, 0.2825



60.9432, 0.3575, 0.2985

Complementary

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



60.9432, 0.3500, 0.4078



32.4225, 0.2675, 0.2413

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.



60.9432, 0.3137, 0.2728



60.9432, 0.3500, 0.4078



60.9432, 0.2437, 0.2624

Square

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



60.9432, 0.3500, 0.4078



60.9432, 0.2408, 0.3183



60.9432, 0.2724, 0.2596



60.9432, 0.3899, 0.3319

Rectangle

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



60.9432, 0.3500, 0.4078



60.9432, 0.2795, 0.3746



60.9432, 0.2724, 0.2596



60.9432, 0.3435, 0.2888

Sweetspot

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



60.9459, 0.3500, 0.4078



97.8814, 0.3237, 0.3514



39.9785, 0.3779, 0.3427



20.8811, 0.3255, 0.3551



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.



60.9459, 0.3500, 0.4078



92.4432, 0.3576, 0.4250



56.9511, 0.3244, 0.4147



13.6924, 0.3240, 0.3521



33.6810, 0.3900, 0.5285



1.9106, 0.3957, 0.5240

Inverse Universe

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



32.4225, 0.2675, 0.2413



41.8859, 0.2556, 0.2196



36.1186, 0.2961, 0.2482



11.5122, 0.3008, 0.3051



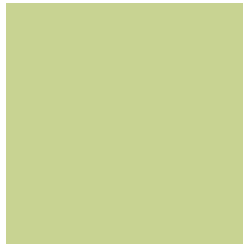
3.0912, 0.1578, 0.0643



0.2032, 0.1738, 0.0731

Previews

White Background



This preview shows how the Yxy color 60.9432, 0.3500, 0.4078 looks on a white background.

Color Contrast Check

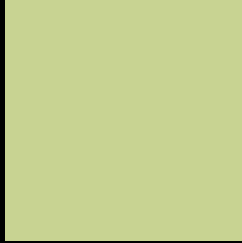
Large Text (above 18pt) WCAG AA × Fail

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 60.9432, 0.3500, 0.4078 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 60.9432, 0.3500, 0.4078

Background



This preview shows how black text looks on a background with the Yxy color 60.9432, 0.3500, 0.4078.



This preview shows how white text looks on a background with the Yxy color 60.9432, 0.3500, 0.4078.

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

60.9432, 0.3500, 0.4078

Protanopia

61.0180, 0.3714, 0.4004

Deuteranopia

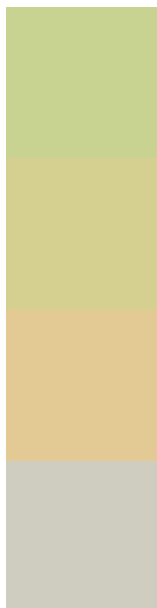
60.5270, 0.3882, 0.3803



Tritanopia

60.8583, 0.3067, 0.3108

Trichromacy



Original Color

60.9432, 0.3500, 0.4078

Protanomaly

60.7854, 0.3633, 0.4031

Deuteranomaly

60.2423, 0.3742, 0.3893

Tritanomaly

60.5902, 0.3228, 0.3443

Monochromacy



Original Color

60.9432, 0.3500, 0.4078

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.7604, 0.3269, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9432, 0.3500, 0.4078 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(200, 211, 146)` looks like.

```
.text, #text, p{  
    color:rgb(200, 211, 146)  
}
```

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(200, 211, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 211, 146) }
```

Border

The CSS property to change the border of an element to Yxy 60.9432, 0.3500, 0.4078 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(200, 211, 146) }
```

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

```
.border{ border-color:rgb(200, 211, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 211, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 211, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 211, 146);  
box-shadow:4px 4px 4px 4px rgb(200, 211,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9432, 0.3500, 0.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 211, 146) }
```

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

```
.background{ background-color: rgb(200,  
211, 146) }
```

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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