

# Converting Colors

Yxy(61.0651, 0.3951, 0.4649)

Have a look what the booklet for  
Yxy(61.0651, 0.3951, 0.4649)  
contains.

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# Color

**Yxy(61.1420, 0.3952, 0.4655)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3D358
RGB	211, 211, 88
RGB Percent	83%, 83%, 35%
CMY	0.1728, 0.1725, 0.6549
CMYK	0.00, 0.00, 0.58, 0.17
HSL	60°, 58%, 59%
HSV	60°, 58%, 83%
XYZ	51.9083, 61.1420, 18.2966
YIQ	196.9780, 39.4830, -38.2530

# Conversions

## Conversions Part 2

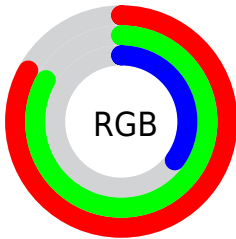
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 211, 88
Decimal	13882200
CIE <sub>Lab</sub>	82.46, -15.68, 59.38
CIE <sub>LCh</sub>	82, 61.419, 104.788
Yxy	61.1420, 0.3952, 0.4655
Android (android.graphics.Color)	4292072280 (0xFFD3D358)
YUV	196.9780, -53.7262, 12.2973
Hunter-Lab	78.1934, -18.3419, 40.8620

# Details

The Yxy color **61.1420, 0.3952, 0.4655** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **13.7612, 0.2002, 0.1429**, and the grayscale version is **56.1307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7330, 0.3788, 0.4382**, and **31.0829, 0.4091, 0.4961** is the 20% darker color. If you saturate the color by 10%, you get **60.8424, 0.4049, 0.4816**, and if you desaturate by 10%, it is **61.5484, 0.3833, 0.4458**.

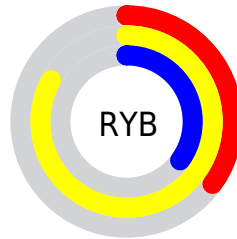
# Distribution



Red (83%)

Green (83%)

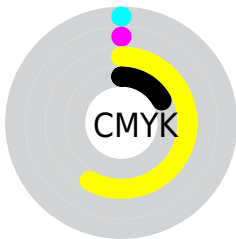
Blue (35%)



Red (35%)

Yellow (83%)

Blue (35%)

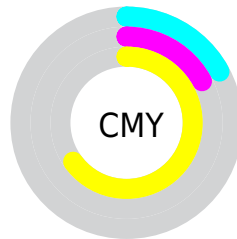


Cyan (0%)

Magenta (0%)

Yellow (58%)

Black (17%)



Cyan (17%)

Magenta (17%)


Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1420, 0.3952, 0.4655 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 61.1420, 0.3952, 0.4655 by changing the saturation by 10% instead.



 61.1420, 0.3952,  
0.4655

 61.1420, 0.3952,  
0.4655


428.7945, 0.3599,  
0.4015


 44.3398, 0.4017,  
0.4794


 106.4845, 0.3840,  
0.4437

 30.9377, 0.4088,  
0.4959


 135.7936, 0.3793,  
0.4350

 20.5514, 0.4158,  
0.5153


 170.0404, 0.3751,  
0.4275

 12.7965, 0.4216,  
0.5378

 209.6094, 0.3714,  
0.4210

 7.2886, 0.4293,  
0.5707

254.8849, 0.3681,  
0.4152

 3.6432, 0.4137,  
0.5863

306.2513, 0.3651,

 1.4761, 0.3867,

0.4101

364.0930, 0.3624,  
0.4056

0.6133

0.2718, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

61.1420, 0.3952,  
0.4655

61.1420, 0.3952,  
0.4655

60.8424, 0.4049,  
0.4816

61.5484, 0.3833,  
0.4458

60.6322, 0.4121,  
0.4935


62.0612, 0.3698,  
0.4234


60.5035, 0.4167,  
0.5011

62.6902, 0.3552,  
0.3992


60.4406, 0.4189,  
0.5048

63.4420, 0.3400,  
0.3742

 60.4325, 0.4192,  
0.5053

 64.3226, 0.3249,  
0.3492

 65.3378, 0.3103,  
0.3249

 66.4928, 0.2963,  
0.3018

 67.6754, 0.2843,  
0.2820

 67.6773, 0.2843,  
0.2820

# Harmonies

## Analogous

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



61.1420, 0.4498, 0.4232



61.1420, 0.3952, 0.4655



61.1420, 0.3224, 0.4683

# Triad

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



61.1420, 0.3952, 0.4655



61.1420, 0.1789, 0.2605



61.1420, 0.3667, 0.2607

# Complementary

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



61.1420, 0.3952, 0.4655



13.7612, 0.2002, 0.1429

# 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.



61.1420, 0.2869, 0.2256



61.1420, 0.3952, 0.4655



61.1420, 0.1872, 0.2212

# Square

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



61.1420, 0.3952, 0.4655



61.1420, 0.2000, 0.3307



61.1420, 0.2237, 0.2111



61.1420, 0.4370, 0.3104



# Rectangle

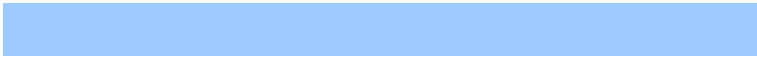
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.1420, 0.3952, 0.4655



61.1420, 0.2733, 0.4380



61.1420, 0.2237, 0.2111



61.1420, 0.3396, 0.2470

# Sweetspot

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



61.1448, 0.3952, 0.4655



97.5109, 0.3384, 0.3714



21.5354, 0.4915, 0.3295



20.8169, 0.3414, 0.3765



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.



61.1448, 0.3952, 0.4655



93.2883, 0.4069, 0.4849



53.7413, 0.3447, 0.4934



13.7973, 0.3266, 0.3520



36.4628, 0.4192, 0.5053



2.0389, 0.4192, 0.5053



# Inverse Universe

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



13.7612, 0.2002, 0.1429



14.0196, 0.1771, 0.1048



18.1206, 0.2532, 0.1654



11.4180, 0.2982, 0.3050



2.8390, 0.1500, 0.0600



0.1589, 0.1501, 0.0601



# Previews

## White Background



This preview shows how the Yxy color 61.1420, 0.3952, 0.4655 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

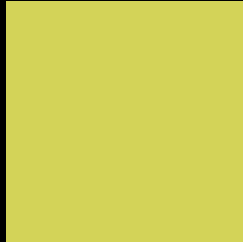
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.1420, 0.3952, 0.4655 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 61.1420, 0.3952, 0.4655**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.1420, 0.3952, 0.4655.



This preview shows how white text looks on a background with the Yxy color 61.1420, 0.3952, 0.4655.

# 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

61.1420, 0.3952, 0.4655

### Protanopia

60.8285, 0.4144, 0.4541

### Deuteranopia

60.8914, 0.4389, 0.4286



## Tritanopia

60.9312, 0.3206, 0.3112

# Trichromacy



## Original Color

61.1420, 0.3952, 0.4655

## Protanomaly

60.8434, 0.4075, 0.4578

## Deuteranomaly

60.7058, 0.4227, 0.4421

## Tritanomaly

60.5991, 0.3516, 0.3696

# Monochromacy



## Original Color

61.1420, 0.3952, 0.4655

## Achromatopsia

55.8340, 0.3127, 0.3290

## Achromatomaly

57.2319, 0.3460, 0.3840

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.1420, 0.3952, 0.4655 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(211, 211, 88)` looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 88)  
}
```

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(211, 211, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 88) }
```

## Border

The CSS property to change the border of an element to Yxy 61.1420, 0.3952, 0.4655 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(211, 211, 88) }
```

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

```
.border{ border-color:rgb(211, 211, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 88);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
88) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.1420, 0.3952, 0.4655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 88) }
```

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

```
.background{ background-color: rgb(211,  
211, 88) }
```

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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