

# Converting Colors

Yxy(61.3153, 0.3974, 0.4624)

Have a look what the booklet for  
Yxy(61.3153, 0.3974, 0.4624)  
contains.

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# Color

**Yxy(61.1106, 0.3978, 0.4624)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6D259
RGB	214, 210, 89
RGB Percent	84%, 82%, 35%
CMY	0.1609, 0.1764, 0.6510
CMYK	0.00, 0.02, 0.58, 0.16
HSL	58°, 60%, 59%
HSV	58°, 58%, 84%
XYZ	52.5731, 61.1106, 18.4759
YIQ	197.4020, 41.2250, -36.7830

# Conversions

## Conversions Part 2

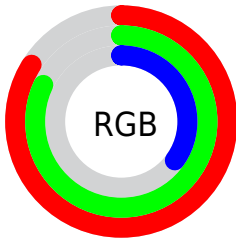
Format	Color
R <sub>Y</sub> B	93, 214, 89
Decimal	14078553
CIE Lab	82.44, -13.87, 59.00
CIE LCh	82, 60.604, 103.227
Yxy	61.1106, 0.3978, 0.4624
Android (android.graphics.Color)	4292268633 (0xFFD6D259)
YUV	197.4020, -53.4422, 14.5564
Hunter-Lab	78.1733, -16.7584, 40.7084

# Details

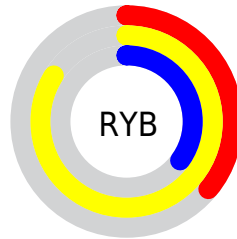
The Yxy color **61.1106, 0.3978, 0.4624** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **14.7967, 0.2009, 0.1475**, and the grayscale version is **56.4003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7632, 0.3782, 0.4373**, and **30.9547, 0.4115, 0.4923** is the 20% darker color. If you saturate the color by 10%, you get **60.4719, 0.4083, 0.4782**, and if you desaturate by 10%, it is **61.8608, 0.3852, 0.4431**.

# Distribution



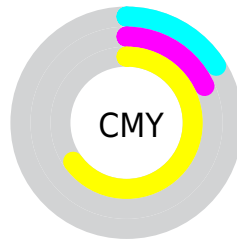
- Red (84%)
- Green (82%)
- Blue (35%)



- Red (36%)
- Yellow (84%)
- Blue (35%)



- Cyan (0%)
- Magenta (2%)
- Yellow (58%)
- Black (16%)




- Cyan (16%)
- Magenta (18%)
- Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1106, 0.3978, 0.4624 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 61.1106, 0.3978, 0.4624 by changing the saturation by 10% instead.




 61.1106, 0.3978,  
0.4624

 61.1106, 0.3978,  
0.4624


428.6794, 0.3611,  
0.4001

 44.3144, 0.4047,  
0.4759

 106.4391, 0.3861,  
0.4412


 30.9178, 0.4123,  
0.4918


 135.7401, 0.3812,  
0.4328

 20.5362, 0.4200,  
0.5105


 169.9783, 0.3769,  
0.4255

 12.7854, 0.4267,  
0.5321

 209.5380, 0.3730,  
0.4191

 7.2810, 0.4361,  
0.5639

254.8035, 0.3695,  
0.4135

 3.6384, 0.4224,  
0.5776

306.1594, 0.3664,

 1.4734, 0.3987,

0.4085

0.6013

363.9898, 0.3636,  
0.4041

0.2699, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

61.1106, 0.3978,  
0.4624

61.1106, 0.3978,  
0.4624

60.4719, 0.4083,  
0.4782

61.8608, 0.3852,  
0.4431

59.9268, 0.4163,  
0.4898


62.7223, 0.3710,  
0.4212

59.4673, 0.4216,  
0.4970


63.7053, 0.3559,  
0.3975


59.0768, 0.4246,  
0.5004

64.8165, 0.3405,  
0.3732


 59.0169, 0.4250,  
0.5008

 66.0622, 0.3252,  
0.3489

 67.4482, 0.3104,  
0.3253

 68.9801, 0.2964,  
0.3029

 70.3254, 0.2865,  
0.2871

 70.6710, 0.2865,  
0.2878

# Harmonies

## Analogous

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



61.1106, 0.4502, 0.4196



61.1106, 0.3978, 0.4624



61.1106, 0.3263, 0.4675

# Triad

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



61.1106, 0.3978, 0.4624



61.1106, 0.1807, 0.2644



61.1106, 0.3619, 0.2592

# Complementary

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



61.1106, 0.3978, 0.4624



14.7967, 0.2009, 0.1475

# 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.



61.1106, 0.2835, 0.2254



61.1106, 0.3978, 0.4624



61.1106, 0.1875, 0.2238

# Square

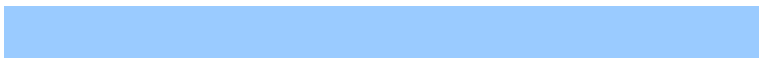
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.1106, 0.3978, 0.4624



61.1106, 0.2032, 0.3350



61.1106, 0.2222, 0.2122



61.1106, 0.4325, 0.3079



# Rectangle

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



61.1106, 0.3978, 0.4624



61.1106, 0.2775, 0.4396



61.1106, 0.2222, 0.2122



61.1106, 0.3351, 0.2460

# Sweetspot

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



61.1134, 0.3978, 0.4624



96.4675, 0.3401, 0.3726



22.2291, 0.4862, 0.3248



20.5394, 0.3447, 0.3798



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.



61.1134, 0.3978, 0.4624



89.7666, 0.4104, 0.4812



55.8278, 0.3480, 0.4921



14.4496, 0.3267, 0.3513



35.7166, 0.4249, 0.5008



2.1758, 0.4238, 0.5017



# Inverse Universe

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



14.7967, 0.2009, 0.1475



14.8319, 0.1783, 0.1098



18.2309, 0.2489, 0.1633



12.0709, 0.2981, 0.3057



3.0516, 0.1506, 0.0622



0.2067, 0.1525, 0.0689



# Previews

## White Background



This preview shows how the Yxy color 61.1106, 0.3978, 0.4624 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 61.1106, 0.3978, 0.4624 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 61.1106, 0.3978, 0.4624**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.1106, 0.3978, 0.4624.



This preview shows how white text looks on a background with the Yxy color 61.1106, 0.3978, 0.4624.

# 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

61.1106, 0.3978, 0.4624

### Protanopia

60.8612, 0.4133, 0.4525

### Deuteranopia

60.8914, 0.4389, 0.4286



## Tritanopia

60.9054, 0.3238, 0.3114

# Trichromacy



## Original Color

61.1106, 0.3978, 0.4624

## Protanomaly

61.0182, 0.4078, 0.4565

## Deuteranomaly

60.4320, 0.4236, 0.4400

## Tritanomaly

60.5978, 0.3543, 0.3682

# Monochromacy



## Original Color

61.1106, 0.3978, 0.4624

## Achromatopsia

55.8340, 0.3127, 0.3290

## Achromatomaly

57.4062, 0.3461, 0.3827

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.1106, 0.3978, 0.4624 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(214, 210, 89)` looks like.

```
.text, #text, p{  
    color:rgb(214, 210, 89)  
}
```

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(214, 210, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 210, 89) }
```

## Border

The CSS property to change the border of an element to Yxy 61.1106, 0.3978, 0.4624 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(214, 210, 89) }
```

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

```
.border{ border-color:rgb(214, 210, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 210, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 210, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 210, 89);  
box-shadow:4px 4px 4px 4px rgb(214, 210,  
89) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.1106, 0.3978, 0.4624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 210, 89) }
```

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

```
.background{ background-color: rgb(214,  
210, 89) }
```

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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