

Converting Colors

Yxy(61.7427, 0.3971, 0.4685)

Have a look what the booklet for
Yxy(61.7427, 0.3971, 0.4685)
contains.

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Color

Yxy(61.7399, 0.3970, 0.4683)

Conversions

Conversions Part 1

Format	Color
Hex	D4D455
RGB	212, 212, 85
RGB Percent	83%, 83%, 33%
CMY	0.1685, 0.1686, 0.6665
CMYK	0.00, 0.00, 0.60, 0.17
HSL	60°, 60%, 58%
HSV	60°, 60%, 83%
XYZ	52.3398, 61.7399, 17.7586
YIQ	197.5220, 40.7670, -39.4970

Conversions

Conversions Part 2

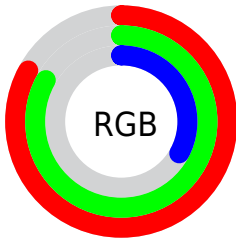
Format	Color
R _Y B	85, 212, 85
Decimal	13947989
CIE Lab	82.77, -15.93, 61.03
CIE LCh	83, 63.072, 104.626
Yxy	61.7399, 0.3970, 0.4683
Android (android.graphics.Color)	4292138069 (0xFFD4D455)
YUV	197.5220, -55.4733, 12.6972
Hunter-Lab	78.5747, -18.6042, 41.6022

Details

The Yxy color **61.7399, 0.3970, 0.4683** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **13.1927, 0.1969, 0.1375**, and the grayscale version is **56.4960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6441, 0.3804, 0.4408**, and **31.3983, 0.4097, 0.4998** is the 20% darker color. If you saturate the color by 10%, you get **61.4528, 0.4063, 0.4837**, and if you desaturate by 10%, it is **62.1336, 0.3854, 0.4492**.

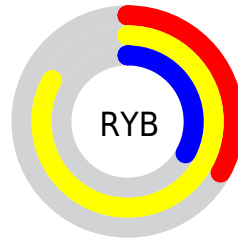
Distribution



Red (83%)

Green (83%)

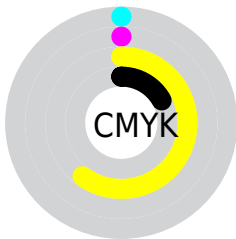
Blue (33%)



Red (33%)

Yellow (83%)

Blue (33%)

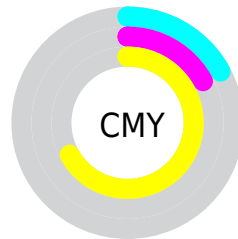


Cyan (0%)

Magenta (0%)

Yellow (60%)

Black (17%)



Cyan (17%)


Magenta (17%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7399, 0.3970, 0.4683 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 61.7399, 0.3970, 0.4683 by changing the saturation by 10% instead.


 61.7399, 0.3970,
0.4683


 61.7399, 0.3970,
0.4683


430.9817, 0.3612,
0.4033


 44.8226, 0.4035,
0.4823

 107.3495, 0.3857,
0.4462

 31.3177, 0.4105,
0.4988


 136.8106, 0.3810,
0.4374

 20.8409, 0.4173,
0.5182


 171.2217, 0.3767,
0.4298

 13.0077, 0.4227,
0.5404

 210.9673, 0.3730,
0.4231

 7.4339, 0.4287,
0.5713

256.4317, 0.3696,
0.4173

 3.7349, 0.4131,
0.5869

307.9993, 0.3665,

 1.5264, 0.3863,

0.4121

0.6137

366.0545, 0.3637,
0.4074

■ 0.3072, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7399, 0.3970,
0.4683

■ 61.7399, 0.3970,
0.4683

■ 61.4528, 0.4063,
0.4837

■ 62.1336, 0.3854,
0.4492

■ 61.2545, 0.4131,
0.4949


■ 62.6336, 0.3721,
0.4271

■ 61.1368, 0.4173,
0.5018

■ 63.2500, 0.3576,
0.4032

■ 61.0798, 0.4193,
0.5052

■ 63.9897, 0.3425,
0.3782


 61.0793, 0.4194,
0.5052

 64.8586, 0.3273,
0.3532

 65.8628, 0.3126,
0.3287

 67.0074, 0.2985,
0.3054

 68.2978, 0.2852,
0.2835

 68.3223, 0.2850,
0.2832

Harmonies

Analogous

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



61.7399, 0.4528, 0.4244



61.7399, 0.3970, 0.4683



61.7399, 0.3227, 0.4721

Triad

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



61.7399, 0.3970, 0.4683



61.7399, 0.1763, 0.2591



61.7399, 0.3675, 0.2590

Complementary

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



61.7399, 0.3970, 0.4683



13.1927, 0.1969, 0.1375

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.



61.7399, 0.2858, 0.2234



61.7399, 0.3970, 0.4683



61.7399, 0.1847, 0.2191

Square

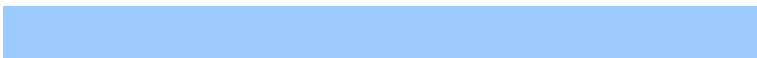
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.7399, 0.3970, 0.4683



61.7399, 0.1978, 0.3310



61.7399, 0.2215, 0.2088



61.7399, 0.4396, 0.3094

Rectangle

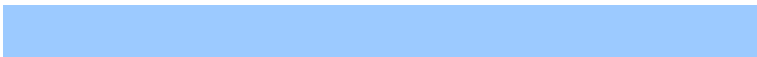
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7399, 0.3970, 0.4683



61.7399, 0.2726, 0.4413



61.7399, 0.2215, 0.2088



61.7399, 0.3396, 0.2451

Sweetspot

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



61.7428, 0.3970, 0.4683



97.3835, 0.3399, 0.3739



21.1926, 0.4961, 0.3272



20.7670, 0.3444, 0.3813



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.



61.7428, 0.3970, 0.4683



93.2206, 0.4085, 0.4874



54.2985, 0.3467, 0.4969



14.5196, 0.3266, 0.3520



37.6995, 0.4194, 0.5052



2.2740, 0.4193, 0.5052

Inverse Universe

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



13.1927, 0.1969, 0.1375



13.1362, 0.1739, 0.0995



17.4051, 0.2490, 0.1601



12.0091, 0.2981, 0.3049



2.9352, 0.1500, 0.0600



0.1772, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 61.7399, 0.3970, 0.4683 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 61.7399, 0.3970, 0.4683 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 61.7399, 0.3970, 0.4683

Background



This preview shows how black text looks on a background with the Yxy color 61.7399, 0.3970, 0.4683.



This preview shows how white text looks on a background with the Yxy color 61.7399, 0.3970, 0.4683.

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

61.7399, 0.3970, 0.4683

Protanopia

61.4252, 0.4161, 0.4568

Deuteranopia

61.4952, 0.4402, 0.4306



Tritanopia

61.5492, 0.3213, 0.3124

Trichromacy



Original Color

61.7399, 0.3970, 0.4683

Protanomaly

61.4398, 0.4092, 0.4606

Deuteranomaly

61.3131, 0.4240, 0.4442

Tritanomaly

61.1914, 0.3529, 0.3718

Monochromacy



Original Color

61.7399, 0.3970, 0.4683

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.8427, 0.3466, 0.3850

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7399, 0.3970, 0.4683 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(212, 212, 85)` looks like.

```
.text, #text, p{  
    color:rgb(212, 212, 85)  
}
```

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(212, 212, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 212, 85) }
```

Border

The CSS property to change the border of an element to Yxy 61.7399, 0.3970, 0.4683 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(212, 212, 85) }
```

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

```
.border{ border-color:rgb(212, 212, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 212, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 212, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 212, 85);  
box-shadow:4px 4px 4px 4px rgb(212, 212,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7399, 0.3970, 0.4683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 212, 85) }
```

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

```
.background{ background-color: rgb(212,  
212, 85) }
```

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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