

Converting Colors

Yxy(53.3198, 0.3966, 0.4726)

Have a look what the booklet for
Yxy(53.3198, 0.3966, 0.4726)
contains.

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Color

Yxy(53.2390, 0.3969, 0.4722)

Conversions

Conversions Part 1

Format	Color
Hex	C5C74C
RGB	197, 199, 76
RGB Percent	77%, 78%, 30%
CMY	0.2276, 0.2196, 0.7019
CMYK	0.01, 0.00, 0.62, 0.22
HSL	61°, 52%, 54%
HSV	61°, 62%, 78%
XYZ	44.7492, 53.2390, 14.7585
YIQ	184.3800, 38.2910, -38.6770

Conversions

Conversions Part 2

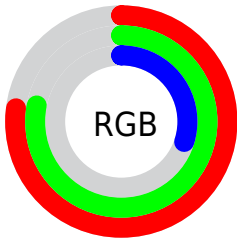
Format	Color
RYB	76, 199, 78
Decimal	12961612
CIELab	78.02, -16.27, 59.36
CIELCh	78, 61.549, 105.326
Yxy	53.2390, 0.3969, 0.4722
Android (android.graphics.Color)	4291151692 (0xFFC5C74C)
YUV	184.3800, -53.4313, 11.0677
Hunter-Lab	72.9651, -18.2155, 39.0830

Details

The Yxy color **53.2390, 0.3969, 0.4722** 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 **10.9185, 0.1950, 0.1327**, and the grayscale version is **48.4400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3917, 0.3850, 0.4484**, and **25.8580, 0.4107, 0.5053** is the 20% darker color. If you saturate the color by 10%, you get **52.9615, 0.4055, 0.4873**, and if you desaturate by 10%, it is **53.6071, 0.3860, 0.4534**.

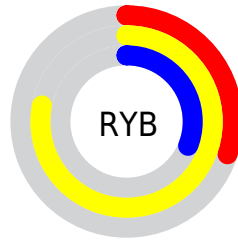
Distribution



Red (77%)

Green (78%)

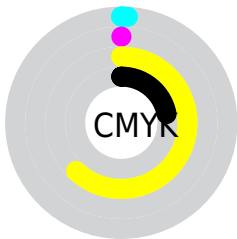
Blue (30%)



Red (30%)

Yellow (78%)

Blue (31%)

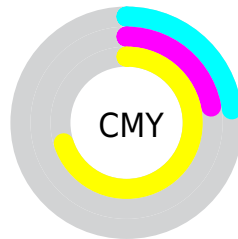


Cyan (1%)

Magenta (0%)

Yellow (62%)

Black (22%)



Cyan (23%)


Magenta (22%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2390, 0.3969, 0.4722 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 53.2390, 0.3969, 0.4722 by changing the saturation by 10% instead.

 53.2390, 0.3969,
0.4722


 53.2390, 0.3969,
0.4722


399.2014, 0.3604,
0.4035


 37.9936, 0.4035,
0.4874


 94.9560, 0.3854,
0.4485

 25.9777, 0.4105,
0.5053


 122.1963, 0.3805,
0.4392


 16.8070, 0.4170,
0.5264


 154.2038, 0.3762,
0.4312

 10.0970, 0.4231,
0.5532

 191.3627, 0.3723,
0.4242

 5.4633, 0.4207,
0.5793

 234.0576, 0.3689,
0.4181

 2.5216, 0.4004,
0.5996

282.6727, 0.3658,

 0.8874, 0.3346,

0.4126

0.6654

337.5925, 0.3630,
0.4078

0.0000, 0.0000,
0.0000

53.2390, 0.3969,
0.4722

53.2390, 0.3969,
0.4722

52.9615, 0.4055,
0.4873

53.6071, 0.3860,
0.4534

52.7591, 0.4116,
0.4981

54.0656, 0.3733,
0.4316

52.6245, 0.4150,
0.5046

54.6233, 0.3593,
0.4078

52.5498, 0.4164,
0.5075

55.2861, 0.3446,
0.3829

56.0594, 0.3298,
0.3578

■ 56.9481, 0.3153,
0.3333

■ 57.9570, 0.3013,
0.3098

■ 59.0906, 0.2882,
0.2878

■ 60.3444, 0.2761,
0.2675

Harmonies

Analogous

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



53.2390, 0.4549, 0.4273



53.2390, 0.3969, 0.4722



53.2390, 0.3207, 0.4754

Triad

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



53.2390, 0.3969, 0.4722



53.2390, 0.1733, 0.2559



53.2390, 0.3707, 0.2585

Complementary

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



53.2390, 0.3969, 0.4722



10.9185, 0.1950, 0.1327

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.



53.2390, 0.2868, 0.2219



53.2390, 0.3969, 0.4722



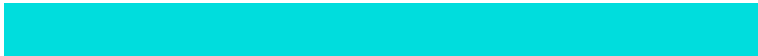
53.2390, 0.1826, 0.2161

Square

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



53.2390, 0.3969, 0.4722



53.2390, 0.1943, 0.3288



53.2390, 0.2207, 0.2063



53.2390, 0.4441, 0.3101

Rectangle

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



53.2390, 0.3969, 0.4722



53.2390, 0.2696, 0.4430



53.2390, 0.2207, 0.2063



53.2390, 0.3422, 0.2443

Sweetspot

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



53.2415, 0.3969, 0.4722



97.1109, 0.3409, 0.3766



17.8380, 0.5071, 0.3296



20.7064, 0.3452, 0.3839



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.



53.2415, 0.3969, 0.4722



92.5880, 0.4078, 0.4913



46.7371, 0.3454, 0.5023



12.4077, 0.3263, 0.3518



33.7899, 0.4165, 0.5075



1.6029, 0.4171, 0.5070

Inverse Universe

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



10.9185, 0.1950, 0.1327



12.4326, 0.1721, 0.0951



14.6584, 0.2489, 0.1566



10.2957, 0.2985, 0.3051



2.6690, 0.1506, 0.0603



0.1294, 0.1527, 0.0615

Previews

White Background



This preview shows how the Yxy color 53.2390, 0.3969, 0.4722 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 53.2390, 0.3969, 0.4722 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 53.2390, 0.3969, 0.4722

Background



This preview shows how black text looks on a background with the Yxy color 53.2390, 0.3969, 0.4722.



This preview shows how white text looks on a background with the Yxy color 53.2390, 0.3969, 0.4722.

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

53.2390, 0.3969, 0.4722

Protanopia

53.0814, 0.4181, 0.4592

Deuteranopia

52.8118, 0.4429, 0.4330



Tritanopia

52.8902, 0.3202, 0.3113

Trichromacy



Original Color

53.2390, 0.3969, 0.4722

Protanomaly

52.9481, 0.4099, 0.4638

Deuteranomaly

52.8070, 0.4264, 0.4472

Tritanomaly

52.6410, 0.3522, 0.3722

Monochromacy



Original Color

53.2390, 0.3969, 0.4722

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.2583, 0.3474, 0.3863

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2390, 0.3969, 0.4722 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(197, 199, 76)` looks like.

```
.text, #text, p{  
    color:rgb(197, 199, 76)  
}
```

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(197, 199, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 199, 76) }
```

Border

The CSS property to change the border of an element to Yxy 53.2390, 0.3969, 0.4722 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(197, 199, 76) }
```

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

```
.border{ border-color:rgb(197, 199, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 199, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 199, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 199, 76);  
box-shadow:4px 4px 4px 4px rgb(197, 199,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2390, 0.3969, 0.4722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 199, 76) }
```

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

```
.background{ background-color: rgb(197,  
199, 76) }
```

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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