

Converting Colors

$Yxy(51.7514, 0.3975, 0.4692)$

Have a look what the booklet for
Yxy(51.7514, 0.3975, 0.4692)
contains.

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Color

Yxy(51.7514, 0.3975, 0.4692)

Conversions

Conversions Part 1

Format	Color
Hex	C4C44D
RGB	196, 196, 77
RGB Percent	77%, 77%, 30%
CMY	0.2314, 0.2313, 0.6980
CMYK	0.00, 0.00, 0.61, 0.23
HSL	60°, 50%, 54%
HSV	60°, 61%, 77%
XYZ	43.8431, 51.7514, 14.7026
YIQ	182.4340, 38.1990, -37.0090

Conversions

Conversions Part 2

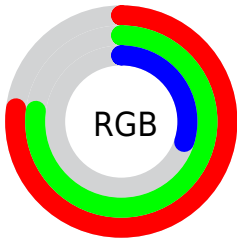
Format	Color
RYB	77, 196, 77
Decimal	12895309
CIELab	77.13, -15.10, 57.97
CIELCh	77, 59.901, 104.602
Yxy	51.7514, 0.3975, 0.4692
Android (android.graphics.Color)	4291085389 (0xFFC4C44D)
YUV	182.4340, -51.9790, 11.8974
Hunter-Lab	71.9384, -17.1049, 38.2394

Details

The Yxy color **51.7514, 0.3975, 0.4692** 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 **10.8759, 0.1959, 0.1358**, and the grayscale version is **47.3034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5195, 0.3857, 0.4453**, and **25.1744, 0.4110, 0.5030** is the 20% darker color. If you saturate the color by 10%, you get **51.5169, 0.4067, 0.4844**, and if you desaturate by 10%, it is **52.0741, 0.3861, 0.4503**.

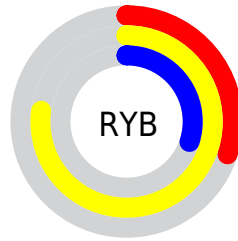
Distribution



Red (77%)

Green (77%)

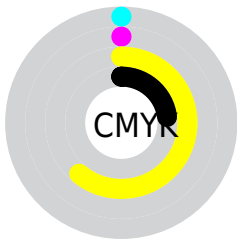
Blue (30%)



Red (30%)

Yellow (77%)

Blue (30%)

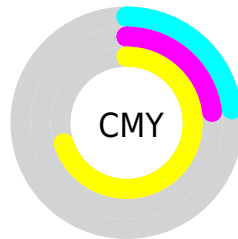


Cyan (0%)

Magenta (0%)

Yellow (61%)

Black (23%)



Cyan (23%)


Magenta (23%)


Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7514, 0.3975, 0.4692 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 51.7514, 0.3975, 0.4692 by changing the saturation by 10% instead.


 51.7514, 0.3975,
0.4692


 51.7514, 0.3975,
0.4692


393.4761, 0.3603,
0.4017


 36.8070, 0.4044,
0.4842


 92.7645, 0.3856,
0.4459


 25.0581, 0.4118,
0.5020


 119.6020, 0.3806,
0.4367


 16.1203, 0.4188,
0.5230


 151.1725, 0.3762,
0.4288

 9.6093, 0.4259,
0.5499

 187.8606, 0.3723,
0.4219

 5.1407, 0.4243,
0.5757

 230.0506, 0.3688,
0.4159

 2.3301, 0.4047,
0.5953

278.1270, 0.3657,

 0.7896, 0.3259,

0.4106

0.6741

332.4740, 0.3628,
0.4059

■ 0.0000, 0.0000,
0.0000

■ 51.7514, 0.3975,
0.4692

■ 51.7514, 0.3975,
0.4692

■ 51.5169, 0.4067,
0.4844

■ 52.0741, 0.3861,
0.4503

■ 51.3557, 0.4133,
0.4953

■ 52.4846, 0.3729,
0.4286

■ 51.2609, 0.4173,
0.5020

■ 52.9914, 0.3585,
0.4048

■ 51.2162, 0.4193,
0.5053

■ 53.6000, 0.3436,
0.3800

■ 54.3157, 0.3285,
0.3551

■ 55.1432, 0.3137,
0.3307

■ 56.0869, 0.2996,
0.3074

■ 57.1513, 0.2864,
0.2855

■ 58.3402, 0.2741,
0.2652

Harmonies

Analogous

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



51.7514, 0.4537, 0.4248



51.7514, 0.3975, 0.4692



51.7514, 0.3227, 0.4732

Triad

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



51.7514, 0.3975, 0.4692



51.7514, 0.1755, 0.2586



51.7514, 0.3678, 0.2585

Complementary

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



51.7514, 0.3975, 0.4692



10.8759, 0.1959, 0.1358

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.



51.7514, 0.2855, 0.2228



51.7514, 0.3975, 0.4692



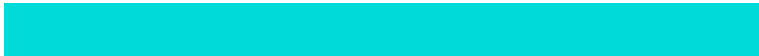
51.7514, 0.1839, 0.2184

Square

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



51.7514, 0.3975, 0.4692



51.7514, 0.1971, 0.3310



51.7514, 0.2209, 0.2080



51.7514, 0.4405, 0.3092

Rectangle

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



51.7514, 0.3975, 0.4692



51.7514, 0.2723, 0.4423



51.7514, 0.2209, 0.2080



51.7514, 0.3397, 0.2446

Sweetspot

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



51.7538, 0.3975, 0.4692



97.3871, 0.3399, 0.3740



17.5835, 0.5016, 0.3296



20.7679, 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.



51.7538, 0.3975, 0.4692



93.2027, 0.4092, 0.4886



45.2967, 0.3452, 0.4992



11.7583, 0.3265, 0.3518



32.9059, 0.4193, 0.5053



1.4218, 0.4193, 0.5053

Inverse Universe

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



10.8759, 0.1959, 0.1358



12.7185, 0.1724, 0.0969



14.5739, 0.2504, 0.1597



9.7481, 0.2983, 0.3052



2.5610, 0.1500, 0.0600



0.1107, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 51.7514, 0.3975, 0.4692 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 51.7514, 0.3975, 0.4692 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 51.7514, 0.3975, 0.4692

Background



This preview shows how black text looks on a background with the Yxy color 51.7514, 0.3975, 0.4692.



This preview shows how white text looks on a background with the Yxy color 51.7514, 0.3975, 0.4692.

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

51.7514, 0.3975, 0.4692

Protanopia

51.7667, 0.4164, 0.4582

Deuteranopia

51.4747, 0.4419, 0.4325



Tritanopia

51.7681, 0.3219, 0.3124

Trichromacy



Original Color

51.7514, 0.3975, 0.4692

Protanomaly

51.7835, 0.4091, 0.4622

Deuteranomaly

51.0692, 0.4254, 0.4450

Tritanomaly

51.1369, 0.3537, 0.3713

Monochromacy



Original Color

51.7514, 0.3975, 0.4692

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.1191, 0.3469, 0.3855

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7514, 0.3975, 0.4692 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(196, 196, 77)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 77)  
}
```

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(196, 196, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 77) }
```

Border

The CSS property to change the border of an element to Yxy 51.7514, 0.3975, 0.4692 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(196, 196, 77) }
```

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

```
.border{ border-color:rgb(196, 196, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 196, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 77);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7514, 0.3975, 0.4692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 77) }
```

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

```
.background{ background-color: rgb(196,  
196, 77) }
```

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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