

Converting Colors

Yxy(64.0526, 0.3928, 0.4673)

Have a look what the booklet for
Yxy(64.0526, 0.3928, 0.4673)
contains.

Yxy(63.9961, 0.3929, 0.4670)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.9961, 0.3929, 0.4670)

Conversions

Conversions Part 1

Format	Color
Hex	D5D85A
RGB	213, 216, 90
RGB Percent	84%, 85%, 35%
CMY	0.1647, 0.1529, 0.6468
CMYK	0.01, 0.00, 0.58, 0.15
HSL	61°, 62%, 60%
HSV	61°, 58%, 85%
XYZ	53.8417, 63.9961, 19.1988
YIQ	200.7390, 38.6580, -39.8220

Conversions

Conversions Part 2

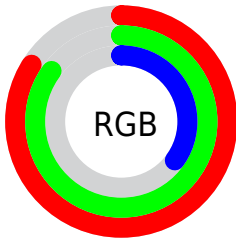
Format	Color
RYB	90, 216, 93
Decimal	14014554
CIELab	83.96, -17.17, 60.20
CIELCh	84, 62.601, 105.917
Yxy	63.9961, 0.3929, 0.4670
Android (android.graphics.Color)	4292204634 (0xFFD5D85A)
YUV	200.7390, -54.5943, 10.7529
Hunter-Lab	79.9976, -19.8578, 41.7691

Details

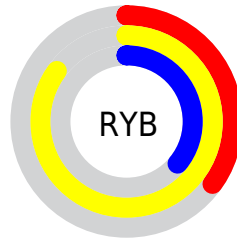
The Yxy color **63.9961, 0.3929, 0.4670** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **14.6105, 0.2020, 0.1434**, and the grayscale version is **58.5691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7936, 0.3777, 0.4365**, and **32.6675, 0.4066, 0.4970** is the 20% darker color. If you saturate the color by 10%, you get **63.6056, 0.4022, 0.4835**, and if you desaturate by 10%, it is **64.4996, 0.3814, 0.4469**.

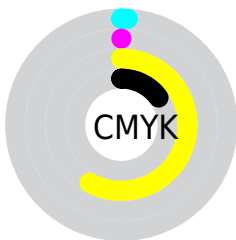
Distribution



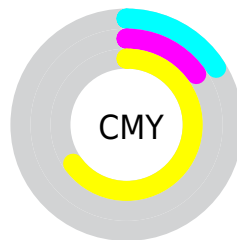
- Red (84%)
- Green (85%)
- Blue (35%)



- Red (35%)
- Yellow (85%)
- Blue (36%)



- Cyan (1%)
- Magenta (0%)
- Yellow (58%)
- Black (15%)





- Cyan (16%)
- Magenta (15%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9961, 0.3929, 0.4670 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 63.9961, 0.3929, 0.4670 by changing the saturation by 10% instead.


 63.9961, 0.3929,
0.4670

 63.9961, 0.3929,
0.4670


439.1756, 0.3591,
0.4026


 46.6475, 0.3991,
0.4810


 110.6053, 0.3823,
0.4451

 32.7571, 0.4057,
0.4975


 140.6347, 0.3778,
0.4364

 21.9404, 0.4122,
0.5170


 175.6599, 0.3738,
0.4288

 13.8131, 0.4174,
0.5397

 216.0652, 0.3702,
0.4222

 7.9908, 0.4256,
0.5744

262.2350, 0.3670,
0.4164

 4.0891, 0.4096,
0.5904

314.5537, 0.3641,

 1.7235, 0.3826,

0.4113

0.6174

373.4058, 0.3615,
0.4067

■ 0.4388, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9961, 0.3929,
0.4670

■ 63.9961, 0.3929,
0.4670

■ 63.6056, 0.4022,
0.4835

■ 64.4996, 0.3814,
0.4469

■ 63.3098, 0.4090,
0.4959


■ 65.1157, 0.3683,
0.4241

■ 63.1003, 0.4131,
0.5039

■ 65.8548, 0.3541,
0.3996


■ 62.9605, 0.4149,
0.5080


■ 66.7240, 0.3394,
0.3744

 62.9396, 0.4151,
0.5086

 67.7297, 0.3247,
0.3493

 68.8777, 0.3103,
0.3250

 70.1739, 0.2967,
0.3019

 71.1067, 0.2886,
0.2879

 71.1862, 0.2889,
0.2880

Harmonies

Analogous

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



63.9961, 0.4487, 0.4254



63.9961, 0.3929, 0.4670



63.9961, 0.3195, 0.4679

Triad

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



63.9961, 0.3929, 0.4670



63.9961, 0.1783, 0.2582



63.9961, 0.3700, 0.2621

Complementary

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



63.9961, 0.3929, 0.4670



14.6105, 0.2020, 0.1434

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.



63.9961, 0.2896, 0.2262



63.9961, 0.3929, 0.4670



63.9961, 0.1877, 0.2200

Square

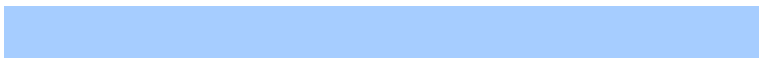
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.9961, 0.3929, 0.4670



63.9961, 0.1982, 0.3276



63.9961, 0.2253, 0.2108



63.9961, 0.4395, 0.3123

Rectangle

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



63.9961, 0.3929, 0.4670



63.9961, 0.2705, 0.4361



63.9961, 0.2253, 0.2108



63.9961, 0.3428, 0.2482

Sweetspot

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



63.9991, 0.3929, 0.4670



97.3195, 0.3377, 0.3715



23.0200, 0.4903, 0.3319



20.7711, 0.3407, 0.3766



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.



63.9991, 0.3929, 0.4670



92.5070, 0.4040, 0.4868



56.4271, 0.3432, 0.4946



14.5041, 0.3263, 0.3521



37.2584, 0.4152, 0.5085



2.2522, 0.4159, 0.5079

Inverse Universe

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



14.6105, 0.2020, 0.1434



14.1974, 0.1790, 0.1057



19.2611, 0.2552, 0.1661



12.0227, 0.2985, 0.3049



2.9610, 0.1508, 0.0604



0.1837, 0.1534, 0.0619

Previews

White Background



This preview shows how the Yxy color 63.9961, 0.3929, 0.4670 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 63.9961, 0.3929, 0.4670 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 63.9961, 0.3929, 0.4670

Background



This preview shows how black text looks on a background with the Yxy color 63.9961, 0.3929, 0.4670.



This preview shows how white text looks on a background with the Yxy color 63.9961, 0.3929, 0.4670.

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

63.9961, 0.3929, 0.4670

Protanopia

64.1214, 0.4141, 0.4546

Deuteranopia

63.7163, 0.4249, 0.4181



Tritanopia

63.9951, 0.3189, 0.3115

Trichromacy



Original Color

63.9961, 0.3929, 0.4670

Protanomaly

63.9770, 0.4065, 0.4586

Deuteranomaly

63.6472, 0.4140, 0.4358

Tritanomaly

63.4625, 0.3490, 0.3702

Monochromacy



Original Color

63.9961, 0.3929, 0.4670

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.6950, 0.3446, 0.3832

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9961, 0.3929, 0.4670 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(213, 216, 90)` looks like.

```
.text, #text, p{  
    color:rgb(213, 216, 90)  
}
```

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(213, 216, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 216, 90) }
```

Border

The CSS property to change the border of an element to Yxy 63.9961, 0.3929, 0.4670 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(213, 216, 90) }
```

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

```
.border{ border-color:rgb(213, 216, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 216, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 216, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 216, 90);  
box-shadow:4px 4px 4px 4px rgb(213, 216,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9961, 0.3929, 0.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 216, 90) }
```

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

```
.background{ background-color: rgb(213,  
216, 90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor