

Converting Colors

Yxy(61.5548, 0.4433, 0.4408)

Have a look what the booklet for
Yxy(61.5548, 0.4433, 0.4408)
contains.

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Color

Yxy(61.8500, 0.4431, 0.4410)

Conversions

Conversions Part 1

Format	Color
Hex	FDC650
RGB	253, 198, 80
RGB Percent	99%, 78%, 31%
CMY	0.0079, 0.2235, 0.6862
CMYK	0.00, 0.22, 0.68, 0.01
HSL	41°, 98%, 65%
HSV	41°, 68%, 99%
XYZ	62.1445, 61.8500, 16.2549
YIQ	200.9930, 70.6580, -25.0380

Conversions

Conversions Part 2

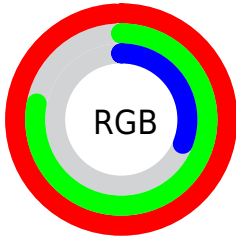
Format	Color
RYB	161, 253, 80
Decimal	16631376
CIELab	82.83, 7.96, 64.31
CIElCh	83, 64.796, 82.942
Yxy	61.8500, 0.4431, 0.4410
Android (android.graphics.Color)	4294821456 (0xFFFDC650)
YUV	200.9930, -59.6495, 45.6101
Hunter-Lab	78.6448, 3.4210, 42.7968

Details

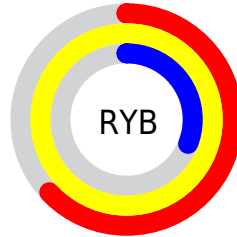
The Yxy color **61.8500, 0.4431, 0.4410** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **26.1187, 0.1951, 0.1716**, and the grayscale version is **58.7501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8649, 0.3834, 0.4443**, and **31.2000, 0.4681, 0.4589** is the 20% darker color. If you saturate the color by 10%, you get **57.9683, 0.4613, 0.4487**, and if you desaturate by 10%, it is **66.0736, 0.4231, 0.4291**.

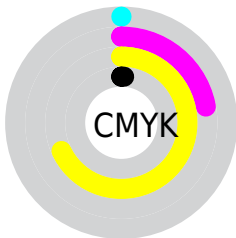
Distribution



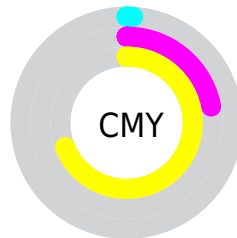
- Red (99%)
- Green (78%)
- Blue (31%)



- Red (63%)
- Yellow (99%)
- Blue (31%)



- Cyan (0%)
- Magenta (22%)
- Yellow (68%)
- Black (1%)



- Cyan (1%)
- Magenta (22%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8500, 0.4431, 0.4410 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 61.8500, 0.4431, 0.4410 by changing the saturation by 10% instead.

 61.8500, 0.4431,
0.4410

 61.8500, 0.4431,
0.4410

431.3837, 0.3851,
0.3935

 44.9115, 0.4547,
0.4497


 107.5087, 0.4241,
0.4260


 31.3877, 0.4678,
0.4591


 136.9977, 0.4163,
0.4197


 20.8943, 0.4823,
0.4687


 171.4390, 0.4095,
0.4141

 13.0467, 0.4980,
0.4776

 211.2170, 0.4035,
0.4091

 7.4607, 0.5151,
0.4849

 256.7161, 0.3981,
0.4046

 3.7519, 0.5221,
0.4779

308.3206, 0.3933,

 1.5358, 0.5338,

0.4005

366.4150, 0.3890,
0.3968

0.4662

0.3137, 0.6109,
0.3891

0.0000, 0.0000,
0.0000

61.8500, 0.4431,
0.4410

61.8500, 0.4431,
0.4410

57.9683, 0.4613,
0.4487

66.0736, 0.4231,
0.4291

54.3995, 0.4767,
0.4514


70.6469, 0.4023,
0.4140


51.1204, 0.4889,
0.4492


75.5884, 0.3815,
0.3970


50.6078, 0.4907,
0.4486

80.9120, 0.3616,
0.3790

 86.6306, 0.3430,
0.3609

 92.7565, 0.3258,
0.3432

 99.1648, 0.3115,
0.3283

 99.6184, 0.3115,
0.3290

Harmonies

Analogous

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



61.8500, 0.4748, 0.3840



61.8500, 0.4431, 0.4410



61.8500, 0.3786, 0.4785

Triad

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



61.8500, 0.4431, 0.4410



61.8500, 0.1858, 0.3074



61.8500, 0.3072, 0.2292

Complementary

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



61.8500, 0.4431, 0.4410



26.1187, 0.1951, 0.1716

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.



61.8500, 0.2349, 0.2079



61.8500, 0.4431, 0.4410



61.8500, 0.1727, 0.2425

Square

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



61.8500, 0.4431, 0.4410



61.8500, 0.2304, 0.3960



61.8500, 0.1894, 0.2108



61.8500, 0.3919, 0.2704

Rectangle

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



61.8500, 0.4431, 0.4410



61.8500, 0.3270, 0.4776



61.8500, 0.1894, 0.2108



61.8500, 0.2807, 0.2197

Sweetspot

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



61.8530, 0.4431, 0.4410



86.6376, 0.3478, 0.3656



28.4437, 0.4642, 0.2755



18.1974, 0.3529, 0.3706



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.



61.8530, 0.4431, 0.4410



57.6600, 0.4673, 0.4503



86.6870, 0.3853, 0.4959



20.0600, 0.3277, 0.3452



27.2010, 0.4893, 0.4497



2.8454, 0.4793, 0.4576

Inverse Universe

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



26.1187, 0.1951, 0.1716



19.4634, 0.1767, 0.1375



16.0715, 0.1954, 0.1168



18.3198, 0.2979, 0.3123



7.0860, 0.1621, 0.1036



0.8768, 0.1683, 0.1258

Previews

White Background



This preview shows how the Yxy color 61.8500, 0.4431, 0.4410 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 61.8500, 0.4431, 0.4410 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 61.8500, 0.4431, 0.4410

Background



This preview shows how black text looks on a background with the Yxy color 61.8500, 0.4431, 0.4410.



This preview shows how white text looks on a background with the Yxy color 61.8500, 0.4431, 0.4410.

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

61.8500, 0.4431, 0.4410

Protanopia

62.0732, 0.4162, 0.4572

Deuteranopia

61.9478, 0.4395, 0.4315



Tritanopia

61.8722, 0.3582, 0.3167

Trichromacy



Original Color

61.8500, 0.4431, 0.4410

Protanomaly

61.9721, 0.4254, 0.4516

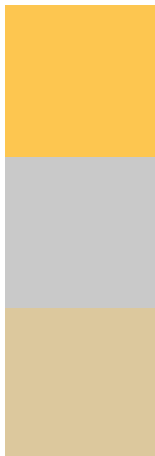
Deuteranomaly

61.6915, 0.4409, 0.4348

Tritanomaly

61.2044, 0.3935, 0.3659

Monochromacy



Original Color

61.8500, 0.4431, 0.4410

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.9585, 0.3617, 0.3791

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8500, 0.4431, 0.4410 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(253, 198, 80)` looks like.

```
.text, #text, p{  
    color:rgb(253, 198, 80)  
}
```

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(253, 198, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 198, 80) }
```

Border

The CSS property to change the border of an element to Yxy 61.8500, 0.4431, 0.4410 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(253, 198, 80) }
```

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

```
.border{ border-color:rgb(253, 198, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 198, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 198, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 198, 80);  
box-shadow:4px 4px 4px 4px rgb(253, 198,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8500, 0.4431, 0.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 198, 80) }
```

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

```
.background{ background-color: rgb(253,  
198, 80) }
```

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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