

Converting Colors

Yxy(61.1196, 0.4156, 0.4896)

Have a look what the booklet for
Yxy(61.1196, 0.4156, 0.4896)
contains.

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Color

Yxy(61.2490, 0.4149, 0.4900)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D7D330 |
| RGB | 215, 211, 48 |
| RGB Percent | 84%, 83%, 19% |
| CMY | 0.1567, 0.1726, 0.8117 |
| CMYK | 0.00, 0.02, 0.78, 0.16 |
| HSL | 59°, 68%, 52% |
| HSV | 59°, 78%, 84% |
| XYZ | 51.8617, 61.2490, 11.8873 |
| YIQ | 193.6140, 54.7070, -49.8450 |

Conversions

Conversions Part 2

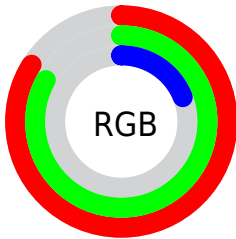
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 52, 215, 48 |
| Decimal | 14144304 |
| CIE _{Lab} | 82.51, -16.05, 74.26 |
| CIE _{LCh} | 83, 75.975, 102.193 |
| Yxy | 61.2490, 0.4149, 0.4900 |
| Android (android.graphics.Color) | 4292334384 (0xFFD7D330) |
| YUV | 193.6140, -71.7877, 18.7555 |
| Hunter-Lab | 78.2617, -18.6716, 45.7776 |

Details

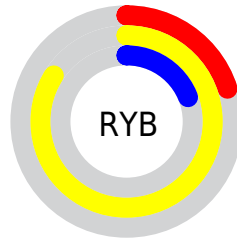
The Yxy color **61.2490, 0.4149, 0.4900** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **8.0003, 0.1677, 0.0911**, and the grayscale version is **54.1231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8627, 0.3952, 0.4654**, and **31.1819, 0.4182, 0.5061** is the 20% darker color. If you saturate the color by 10%, you get **60.8566, 0.4202, 0.4976**, and if you desaturate by 10%, it is **61.7340, 0.4069, 0.4780**.

Distribution



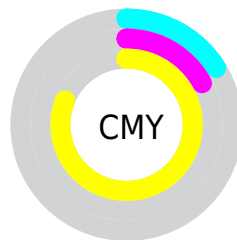
- Red (84%)
- Green (83%)
- Blue (19%)



- Red (20%)
- Yellow (84%)
- Blue (19%)



- Cyan (0%)
- Magenta (2%)
- Yellow (78%)
- Black (16%)





- Cyan (16%)
- Magenta (17%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2490, 0.4149, 0.4900 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 61.2490, 0.4149, 0.4900 by changing the saturation by 10% instead.

 61.2490, 0.4149,
0.4900

 61.2490, 0.4149,
0.4900


429.1864, 0.3738,
0.4175


 44.4262, 0.4214,
0.5043


 106.6394, 0.4027,
0.4663

 31.0057, 0.4275,
0.5204


 135.9757, 0.3973,
0.4566


 20.6032, 0.4323,
0.5378


 170.2520, 0.3924,
0.4480

 12.8342, 0.4383,
0.5617

 209.8526, 0.3879,
0.4404

 7.3145, 0.4279,
0.5721

 255.1620, 0.3839,
0.4337

 3.6596, 0.4120,
0.5880

306.5644, 0.3802,

 1.4850, 0.3845,

0.4277

0.6155

364.4445, 0.3768,
0.4223

■ 0.2781, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2490, 0.4149,
0.4900

■ 61.2490, 0.4149,
0.4900

■ 60.8566, 0.4202,
0.4976

■ 61.7340, 0.4069,
0.4780


■ 60.5329, 0.4231,
0.5012


■ 62.3139, 0.3964,
0.4619


■ 60.4618, 0.4236,
0.5018


■ 63.0010, 0.3838,
0.4423

■ 63.8036, 0.3697,
0.4201

 64.7289, 0.3547,
0.3962

 65.7840, 0.3393,
0.3717

 66.9750, 0.3241,
0.3472

 68.3080, 0.3093,
0.3236

 69.7883, 0.2954,
0.3011

Harmonies

Analogous

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



61.2490, 0.4804, 0.4308



61.2490, 0.4149, 0.4900



61.2490, 0.3281, 0.5069

Triad

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



61.2490, 0.4149, 0.4900



61.2490, 0.1545, 0.2491



61.2490, 0.3695, 0.2425

Complementary

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



61.2490, 0.4149, 0.4900



8.0003, 0.1677, 0.0911

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.



61.2490, 0.2723, 0.2038



61.2490, 0.4149, 0.4900



61.2490, 0.1619, 0.2016

Square

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



61.2490, 0.4149, 0.4900



61.2490, 0.1803, 0.3377



61.2490, 0.2006, 0.1889



61.2490, 0.4601, 0.2985

Rectangle

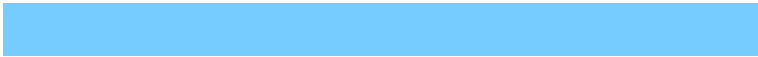
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.2490, 0.4149, 0.4900



61.2490, 0.2691, 0.4747



61.2490, 0.2006, 0.1889



61.2490, 0.3357, 0.2273

Sweetspot

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



61.2519, 0.4149, 0.4900



95.8776, 0.3479, 0.3853



16.8320, 0.5754, 0.3255



20.4042, 0.3535, 0.3943



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.



61.2519, 0.4149, 0.4900



89.2096, 0.4223, 0.5003



54.1627, 0.3492, 0.5376



14.4659, 0.3267, 0.3515



36.1717, 0.4236, 0.5019



2.1984, 0.4228, 0.5025

Inverse Universe

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



8.0003, 0.1677, 0.0911



7.9840, 0.1529, 0.0656



11.4577, 0.2220, 0.1160



12.0564, 0.2981, 0.3055



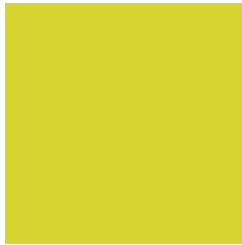
3.0245, 0.1505, 0.0617



0.1998, 0.1519, 0.0669

Previews

White Background



This preview shows how the Yxy color 61.2490, 0.4149, 0.4900 looks on a white background.

Color Contrast Check

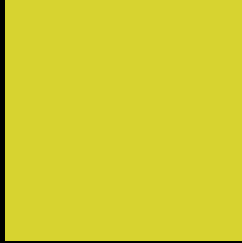
Large Text (above 18pt) WCAG AA × Fail

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 61.2490, 0.4149, 0.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

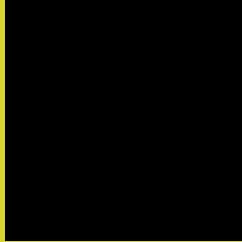
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2490, 0.4149, 0.4900

Background



This preview shows how black text looks on a background with the Yxy color 61.2490, 0.4149, 0.4900.

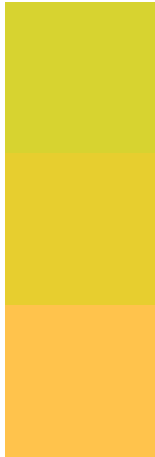


This preview shows how white text looks on a background with the Yxy color 61.2490, 0.4149, 0.4900.

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

61.2490, 0.4149, 0.4900

Protanopia

61.3368, 0.4323, 0.4774

Deuteranopia

60.8120, 0.4491, 0.4401



Tritanopia

61.1800, 0.3261, 0.3125

Trichromacy



Original Color

61.2490, 0.4149, 0.4900

Protanomaly

61.3245, 0.4257, 0.4824

Deuteranomaly

60.6919, 0.4369, 0.4587

Tritanomaly

60.1960, 0.3674, 0.3866

Monochromacy



Original Color

61.2490, 0.4149, 0.4900

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.7882, 0.3585, 0.4015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2490, 0.4149, 0.4900 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(215, 211, 48)` looks like.

```
.text, #text, p{  
    color:rgb(215, 211, 48)  
}
```

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(215, 211, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 211, 48) }
```

Border

The CSS property to change the border of an element to Yxy 61.2490, 0.4149, 0.4900 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(215, 211, 48) }
```

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

```
.border{ border-color:rgb(215, 211, 48) }
```

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

Here you see how a box with a 4 pixel rgb(215, 211, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 211, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 211, 48);  
box-shadow:4px 4px 4px 4px rgb(215, 211,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2490, 0.4149, 0.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 211, 48) }
```

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

```
.background{ background-color: rgb(215,  
211, 48) }
```

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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