

Converting Colors

Yxy(61.0555, 0.3857, 0.4465)

Have a look what the booklet for
Yxy(61.0555, 0.3857, 0.4465)
contains.

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Color

Yxy(61.1518, 0.3860, 0.4466)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D4D26B |
| RGB | 212, 210, 107 |
| RGB Percent | 83%, 82%, 42% |
| CMY | 0.1686, 0.1765, 0.5805 |
| CMYK | 0.00, 0.01, 0.50, 0.17 |
| HSL | 59°, 55%, 63% |
| HSV | 59°, 50%, 83% |
| XYZ | 52.8540, 61.1518, 22.9217 |
| YIQ | 198.8560, 34.2550, -31.6090 |

Conversions

Conversions Part 2

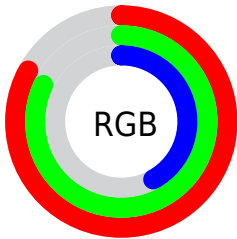
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 109, 212, 107 |
| Decimal | 13947499 |
| CIELab | 82.46, -13.23, 50.78 |
| CIELCh | 82, 52.479, 104.605 |
| Yxy | 61.1518, 0.3860, 0.4466 |
| Android (android.graphics.Color) | 4292137579 (0xFFD4D26B) |
| YUV | 198.8560, -45.2850, 11.5273 |
| Hunter-Lab | 78.1996, -16.2037, 37.3608 |

Details

The Yxy color **61.1518, 0.3860, 0.4466** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.8146, 0.2190, 0.1760**, and the grayscale version is **57.2886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3532, 0.3683, 0.4210**, and **31.0213, 0.3994, 0.4747** is the 20% darker color. If you saturate the color by 10%, you get **60.5615, 0.3981, 0.4657**, and if you desaturate by 10%, it is **61.8576, 0.3722, 0.4247**.

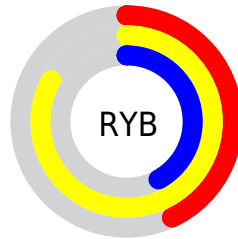
Distribution



Red (83%)

Green (82%)

Blue (42%)



Red (43%)

Yellow (83%)

Blue (42%)

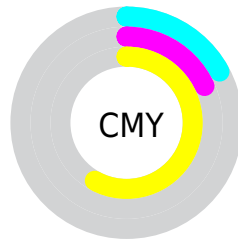


Cyan (0%)

Magenta (1%)

Yellow (50%)

Black (17%)



Cyan (17%)


Magenta (18%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1518, 0.3860, 0.4466 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 61.1518, 0.3860, 0.4466 by changing the saturation by 10% instead.


 61.1518, 0.3860,
0.4466


 61.1518, 0.3860,
0.4466


428.8304, 0.3536,
0.3908


 44.3477, 0.3925,
0.4591

 106.4987, 0.3754,
0.4273


 30.9439, 0.3999,
0.4743


 135.8103, 0.3710,
0.4197

 20.5562, 0.4081,
0.4927


 170.0598, 0.3672,
0.4132

 12.8000, 0.4164,
0.5151

 209.6317, 0.3638,
0.4076

 7.2909, 0.4266,
0.5462

254.9102, 0.3609,
0.4026

 3.6447, 0.4255,
0.5745

306.2800, 0.3582,

 1.4769, 0.4029,

0.3982

0.5971

364.1252, 0.3558,
0.3943

0.2724, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.1518, 0.3860,
0.4466

61.1518, 0.3860,
0.4466

60.5615, 0.3981,
0.4657

61.8576, 0.3722,
0.4247

60.0702, 0.4080,
0.4811


62.6778, 0.3574,
0.4010


59.6714, 0.4154,
0.4923


63.6219, 0.3421,
0.3765

59.3540, 0.4201,
0.4992

64.6960, 0.3269,
0.3519


 59.0993, 0.4226,
0.5024


 65.9060, 0.3120,
0.3279

 59.0881, 0.4227,
0.5026

 67.2573, 0.2980,
0.3051

 68.7297, 0.2850,
0.2841

 68.9341, 0.2851,
0.2845

 69.1390, 0.2851,
0.2850

Harmonies

Analogous

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



61.1518, 0.4320, 0.4126



61.1518, 0.3860, 0.4466



61.1518, 0.3231, 0.4464

Triad

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



61.1518, 0.3860, 0.4466



61.1518, 0.1957, 0.2715



61.1518, 0.3590, 0.2694

Complementary

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



61.1518, 0.3860, 0.4466



18.8146, 0.2190, 0.1760

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.



61.1518, 0.2907, 0.2382



61.1518, 0.3860, 0.4466



61.1518, 0.2027, 0.2358

Square

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



61.1518, 0.3860, 0.4466



61.1518, 0.2153, 0.3320



61.1518, 0.2353, 0.2258



61.1518, 0.4185, 0.3137

Rectangle

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



61.1518, 0.3860, 0.4466



61.1518, 0.2803, 0.4207



61.1518, 0.2353, 0.2258



61.1518, 0.3359, 0.2572

Sweetspot

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



61.1546, 0.3860, 0.4466



97.3102, 0.3354, 0.3657



25.6469, 0.4469, 0.3251



20.7556, 0.3387, 0.3709



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.



61.1546, 0.3860, 0.4466



91.9658, 0.3982, 0.4658



55.9416, 0.3449, 0.4671



14.4772, 0.3267, 0.3516



36.4906, 0.4227, 0.5026



2.2142, 0.4220, 0.5031

Inverse Universe

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



18.8146, 0.2190, 0.1760



20.8017, 0.1981, 0.1415



22.3332, 0.2611, 0.1890



12.0464, 0.2981, 0.3054



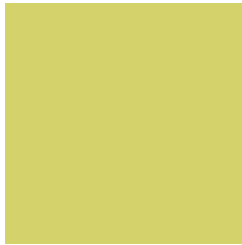
3.0056, 0.1504, 0.0613



0.1950, 0.1515, 0.0655

Previews

White Background



This preview shows how the Yxy color 61.1518, 0.3860, 0.4466 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 61.1518, 0.3860, 0.4466 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 61.1518, 0.3860, 0.4466

Background



This preview shows how black text looks on a background with the Yxy color 61.1518, 0.3860, 0.4466.



This preview shows how white text looks on a background with the Yxy color 61.1518, 0.3860, 0.4466.

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

61.1518, 0.3860, 0.4466

Protanopia

60.8513, 0.4017, 0.4385

Deuteranopia

60.6871, 0.4248, 0.4147



Tritanopia

60.9312, 0.3206, 0.3112

Trichromacy



Original Color

61.1518, 0.3860, 0.4466

Protanomaly

61.0384, 0.3957, 0.4413

Deuteranomaly

60.4389, 0.4107, 0.4251

Tritanomaly

60.3963, 0.3464, 0.3603

Monochromacy



Original Color

61.1518, 0.3860, 0.4466

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.3024, 0.3407, 0.3738

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1518, 0.3860, 0.4466 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(212, 210, 107)` looks like.

```
.text, #text, p{  
    color:rgb(212, 210, 107)  
}
```

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(212, 210, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 210, 107) }
```

Border

The CSS property to change the border of an element to Yxy 61.1518, 0.3860, 0.4466 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(212, 210, 107) }
```

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

```
.border{ border-color:rgb(212, 210, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 210, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 210, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 210, 107);  
box-shadow:4px 4px 4px 4px rgb(212, 210,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1518, 0.3860, 0.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 210, 107) }
```

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

```
.background{ background-color: rgb(212,  
210, 107) }
```

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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