

Converting Colors

Yxy(61.0840, 0.4193, 0.5053)

Have a look what the booklet for
Yxy(61.0840, 0.4193, 0.5053)
contains.

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Color

Yxy(61.0840, 0.4193, 0.5053)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D4D400 |
| RGB | 212, 212, 0 |
| RGB Percent | 83%, 83%, 0% |
| CMY | 0.1687, 0.1686, 1.0000 |
| CMYK | 0.00, 0.00, 1.00, 0.17 |
| HSL | 60°, 100%, 42% |
| HSV | 60°, 100%, 83% |
| XYZ | 50.6878, 61.0840, 9.1148 |
| YIQ | 187.8320, 68.0520, -65.9320 |

Conversions

Conversions Part 2

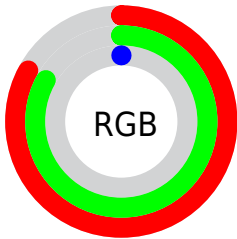
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 0, 212, 0 |
| Decimal | 13947904 |
| CIE Lab | 82.42, -18.77, 82.21 |
| CIE LCh | 82, 84.322, 102.863 |
| Yxy | 61.0840, 0.4193, 0.5053 |
| Android (android.graphics.Color) | 4292137984 (0xFFD4D400) |
| YUV | 187.8320, -92.6012, 21.1953 |
| Hunter-Lab | 78.1563, -21.0084, 47.7948 |

Details

The Yxy color **61.0840, 0.4193, 0.5053** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **4.7545, 0.1500, 0.0600**, and the grayscale version is **50.6957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4681, 0.4035, 0.4791**, and **31.2260, 0.4139, 0.5096** is the 20% darker color. If you saturate the color by 10%, you get **61.0871, 0.4193, 0.5053**, and if you desaturate by 10%, it is **61.1427, 0.4173, 0.5019**.

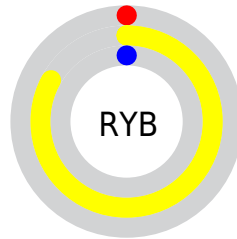
Distribution



Red (83%)

Green (83%)

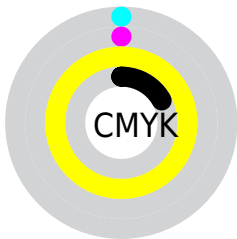
Blue (0%)



Red (0%)

Yellow (83%)

Blue (0%)

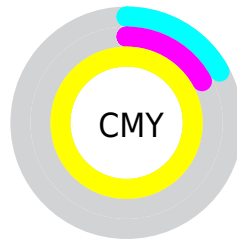


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (17%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0840, 0.4193, 0.5053 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 61.0840, 0.4193, 0.5053 by changing the saturation by 10% instead.


 61.0840, 0.4193,
0.5053


 61.0840, 0.4193,
0.5053


428.5819, 0.3787,
0.4274

 44.2930, 0.4247,
0.5199


 106.4006, 0.4081,
0.4804

 30.9009, 0.4290,
0.5358


 135.6949, 0.4028,
0.4700


 20.5234, 0.4315,
0.5530


 169.9257, 0.3979,
0.4608

 12.7761, 0.4297,
0.5703

 209.4775, 0.3934,
0.4525

 7.2745, 0.4174,
0.5826

 254.7346, 0.3892,
0.4452

 3.6344, 0.3985,
0.6015

 306.0815, 0.3854,

 1.4712, 0.3659,

0.4386

0.6341

363.9024, 0.3819,
0.4327

■ 0.2683, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0840, 0.4193,
0.5053

■ 61.0840, 0.4193,
0.5053

■ 61.0871, 0.4193,
0.5053

■ 61.1427, 0.4173,
0.5019

■ 61.2586, 0.4131,
0.4951

■ 61.4549, 0.4064,
0.4839

■ 61.7427, 0.3971,
0.4685

■ 62.1313, 0.3855,
0.4494

■ 62.6290, 0.3722,
0.4274

■ 63.2431, 0.3577,
0.4034

■ 63.9803, 0.3426,
0.3785

■ 64.8467, 0.3275,
0.3535

Harmonies

Analogous

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



61.0840, 0.4934, 0.4376



61.0840, 0.4193, 0.5053



61.0840, 0.3245, 0.5278

Triad

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



61.0840, 0.4193, 0.5053



61.0840, 0.1411, 0.2380



61.0840, 0.3775, 0.2357

Complementary

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



61.0840, 0.4193, 0.5053



4.7545, 0.1500, 0.0600

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.



61.0840, 0.2697, 0.1940



61.0840, 0.4193, 0.5053



61.0840, 0.1500, 0.1892

Square

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



61.0840, 0.4193, 0.5053



61.0840, 0.1666, 0.3345



61.0840, 0.1918, 0.1772



61.0840, 0.4780, 0.2956

Rectangle

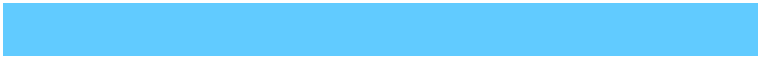
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0840, 0.4193, 0.5053



61.0840, 0.2606, 0.4917



61.0840, 0.1918, 0.1772



61.0840, 0.3398, 0.2193

Sweetspot

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



61.0871, 0.4193, 0.5053



96.0113, 0.3582, 0.4042



13.9993, 0.6401, 0.3300



20.4611, 0.3645, 0.4146



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.



61.0871, 0.4193, 0.5053



92.7694, 0.4193, 0.5053



50.1593, 0.3360, 0.5714



14.5198, 0.3266, 0.3520



37.7061, 0.4193, 0.5053



2.2743, 0.4193, 0.5053

Inverse Universe

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



4.7545, 0.1500, 0.0600



7.2204, 0.1500, 0.0600



7.8189, 0.2014, 0.0883



12.0089, 0.2981, 0.3049



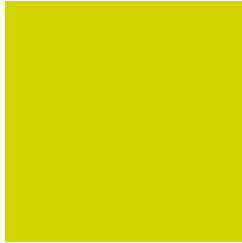
2.9348, 0.1500, 0.0600



0.1771, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 61.0840, 0.4193, 0.5053 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 61.0840, 0.4193, 0.5053 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 61.0840, 0.4193, 0.5053

Background



This preview shows how black text looks on a background with the Yxy color 61.0840, 0.4193, 0.5053.



This preview shows how white text looks on a background with the Yxy color 61.0840, 0.4193, 0.5053.

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

61.0840, 0.4193, 0.5053

Protanopia

60.6516, 0.4409, 0.4881

Deuteranopia

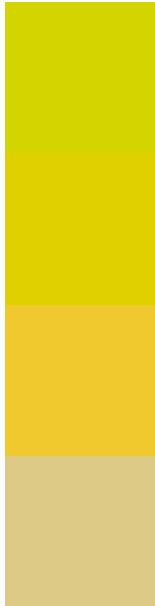
60.7324, 0.4520, 0.4438



Tritanopia

60.8547, 0.3246, 0.3124

Trichromacy



Original Color

61.0840, 0.4193, 0.5053

Protanomaly

60.9590, 0.4326, 0.4947

Deuteranomaly

60.3135, 0.4436, 0.4698

Tritanomaly

59.3625, 0.3785, 0.4062

Monochromacy



Original Color

61.0840, 0.4193, 0.5053

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

53.1589, 0.3707, 0.4248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0840, 0.4193, 0.5053 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, 212, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 212, 0)  
}
```

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, 212, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 212, 0) }
```

Border

The CSS property to change the border of an element to Yxy 61.0840, 0.4193, 0.5053 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, 212, 0) }
```

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

```
.border{ border-color:rgb(212, 212, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 212, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 212, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 212, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 212,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0840, 0.4193, 0.5053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 212, 0) }
```

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

```
.background{ background-color: rgb(212,  
212, 0) }
```

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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