

Converting Colors

Yxy(61.1609, 0.3944, 0.4642)

Have a look what the booklet for
Yxy(61.1609, 0.3944, 0.4642)
contains.

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Color

Yxy(61.1756, 0.3942, 0.4637)

Conversions

Conversions Part 1

Format	Color
Hex	D3D35A
RGB	211, 211, 90
RGB Percent	83%, 83%, 35%
CMY	0.1725, 0.1725, 0.6469
CMYK	0.00, 0.00, 0.57, 0.17
HSL	60°, 58%, 59%
HSV	60°, 57%, 83%
XYZ	52.0065, 61.1756, 18.7471
YIQ	197.2060, 38.8410, -37.6310

Conversions

Conversions Part 2

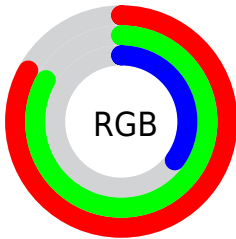
Format	Color
RYB	90, 211, 90
Decimal	13882202
CIELab	82.47, -15.50, 58.52
CIELCh	82, 60.534, 104.833
Yxy	61.1756, 0.3942, 0.4637
Android (android.graphics.Color)	4292072282 (0xFFD3D35A)
YUV	197.2060, -52.8526, 12.0973
Hunter-Lab	78.2148, -18.1879, 40.5393

Details

The Yxy color **61.1756, 0.3942, 0.4637** 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 **14.1983, 0.2021, 0.1461**, and the grayscale version is **56.2780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7936, 0.3777, 0.4365**, and **31.0995, 0.4079, 0.4942** is the 20% darker color. If you saturate the color by 10%, you get **60.8680, 0.4041, 0.4801**, and if you desaturate by 10%, it is **61.5908, 0.3821, 0.4437**.

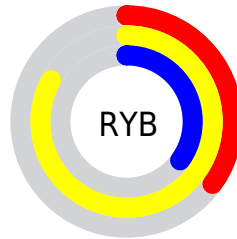
Distribution



Red (83%)

Green (83%)

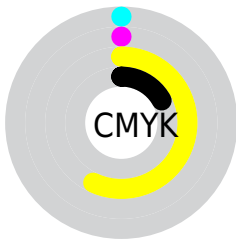
Blue (35%)



Red (35%)

Yellow (83%)

Blue (35%)

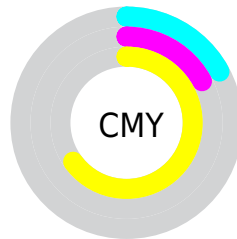


Cyan (0%)

Magenta (0%)

Yellow (57%)

Black (17%)



Cyan (17%)

Magenta (17%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1756, 0.3942, 0.4637 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 61.1756, 0.3942, 0.4637 by changing the saturation by 10% instead.


 61.1756, 0.3942,
0.4637

 61.1756, 0.3942,
0.4637

428.9176, 0.3592,
0.4004


 44.3669, 0.4007,
0.4775


 106.5332, 0.3831,
0.4421


 30.9591, 0.4078,
0.4939


 135.8508, 0.3784,
0.4335

 20.5677, 0.4150,
0.5133


 170.1069, 0.3743,
0.4261

 12.8084, 0.4210,
0.5359

 209.6858, 0.3706,
0.4197

 7.2967, 0.4300,
0.5700

254.9719, 0.3673,
0.4140

 3.6483, 0.4146,
0.5854

306.3496, 0.3643,

 1.4789, 0.3880,

0.4089

0.6120

364.2034, 0.3617,
0.4045

■ 0.2738, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1756, 0.3942,
0.4637

■ 61.1756, 0.3942,
0.4637

■ 60.8680, 0.4041,
0.4801

■ 61.5908, 0.3821,
0.4437

■ 60.6507, 0.4116,
0.4925


■ 62.1130, 0.3684,
0.4211

■ 60.5161, 0.4164,
0.5005


■ 62.7521, 0.3537,
0.3968

■ 60.4501, 0.4189,
0.5045


■ 63.5147, 0.3386,
0.3718


 60.4376, 0.4193,
0.5052

 64.4066, 0.3235,
0.3468

 65.4335, 0.3089,
0.3226

 66.6008, 0.2950,
0.2997

 67.6634, 0.2843,
0.2820

 67.6639, 0.2843,
0.2820

Harmonies

Analogous

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



61.1756, 0.4480, 0.4223



61.1756, 0.3942, 0.4637



61.1756, 0.3223, 0.4660

Triad

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



61.1756, 0.3942, 0.4637



61.1756, 0.1805, 0.2615



61.1756, 0.3661, 0.2616

Complementary

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



61.1756, 0.3942, 0.4637



14.1983, 0.2021, 0.1461

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.



61.1756, 0.2874, 0.2269



61.1756, 0.3942, 0.4637



61.1756, 0.1888, 0.2226

Square

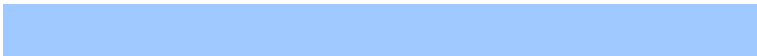
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.1756, 0.3942, 0.4637



61.1756, 0.2014, 0.3307



61.1756, 0.2249, 0.2125



61.1756, 0.4352, 0.3108

Rectangle

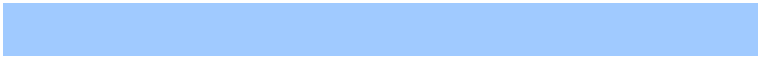
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.1756, 0.3942, 0.4637



61.1756, 0.2739, 0.4362



61.1756, 0.2249, 0.2125



61.1756, 0.3394, 0.2481

Sweetspot

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



61.1784, 0.3942, 0.4637



97.5146, 0.3384, 0.3714



21.9420, 0.4840, 0.3272



20.8177, 0.3415, 0.3765



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.



61.1784, 0.3942, 0.4637



93.3402, 0.4062, 0.4835



54.0586, 0.3461, 0.4899



13.7976, 0.3266, 0.3520



36.4712, 0.4193, 0.5052



2.0393, 0.4193, 0.5053

Inverse Universe

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



14.1983, 0.2021, 0.1461



14.4847, 0.1788, 0.1075



18.3651, 0.2525, 0.1673



11.4178, 0.2982, 0.3050



2.8385, 0.1500, 0.0600



0.1587, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 61.1756, 0.3942, 0.4637 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 61.1756, 0.3942, 0.4637 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 61.1756, 0.3942, 0.4637

Background



This preview shows how black text looks on a background with the Yxy color 61.1756, 0.3942, 0.4637.



This preview shows how white text looks on a background with the Yxy color 61.1756, 0.3942, 0.4637.

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

61.1756, 0.3942, 0.4637

Protanopia

60.8612, 0.4133, 0.4525

Deuteranopia

60.7210, 0.4375, 0.4282



Tritanopia

60.9312, 0.3206, 0.3112

Trichromacy



Original Color

61.1756, 0.3942, 0.4637

Protanomaly

60.8765, 0.4064, 0.4561

Deuteranomaly

60.7407, 0.4215, 0.4405

Tritanomaly

60.6365, 0.3508, 0.3685

Monochromacy



Original Color

61.1756, 0.3942, 0.4637

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.2662, 0.3453, 0.3828

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1756, 0.3942, 0.4637 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(211, 211, 90)` looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 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(211, 211, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 90) }
```

Border

The CSS property to change the border of an element to Yxy 61.1756, 0.3942, 0.4637 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(211, 211, 90) }
```

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

```
.border{ border-color:rgb(211, 211, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 90);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1756, 0.3942, 0.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 90) }
```

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

```
.background{ background-color: rgb(211,  
211, 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](#).

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