

Converting Colors

$Y_{xy}(62.5934, 0.3959, 0.4746)$

Have a look what the booklet for
Yxy(62.5934, 0.3959, 0.4746)
contains.

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Color

Yxy(62.3889, 0.3960, 0.4742)

Conversions

Conversions Part 1

Format	Color
Hex	D2D651
RGB	210, 214, 81
RGB Percent	82%, 84%, 32%
CMY	0.1766, 0.1607, 0.6824
CMYK	0.02, 0.00, 0.62, 0.16
HSL	62°, 62%, 58%
HSV	62°, 62%, 84%
XYZ	52.1004, 62.3889, 17.0773
YIQ	197.6420, 40.3090, -42.2110

Conversions

Conversions Part 2

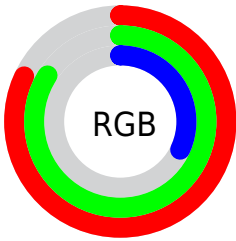
Format	Color
R _Y B	81, 214, 85
Decimal	13817425
CIE Lab	83.12, -18.04, 63.04
CIE LCh	83, 65.569, 105.969
Yxy	62.3889, 0.3960, 0.4742
Android (android.graphics.Color)	4292007505 (0xFFD2D651)
YUV	197.6420, -57.5045, 10.8380
Hunter-Lab	78.9866, -20.4862, 42.4718

Details

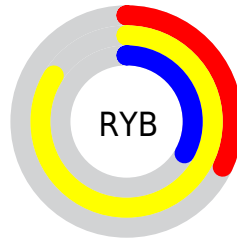
The Yxy color **62.3889, 0.3960, 0.4742** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **12.6724, 0.1950, 0.1312**, and the grayscale version is **56.5776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5576, 0.3819, 0.4434**, and **31.8640, 0.4075, 0.5064** is the 20% darker color. If you saturate the color by 10%, you get **62.0240, 0.4042, 0.4893**, and if you desaturate by 10%, it is **62.8611, 0.3854, 0.4552**.

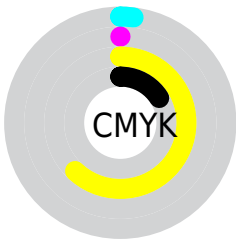
Distribution



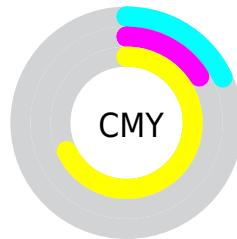
- Red (82%)
- Green (84%)
- Blue (32%)



- Red (32%)
- Yellow (84%)
- Blue (33%)



- Cyan (2%)
- Magenta (0%)
- Yellow (62%)
- Black (16%)





- Cyan (18%)
- Magenta (16%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3889, 0.3960, 0.4742 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 62.3889, 0.3960, 0.4742 by changing the saturation by 10% instead.

 62.3889, 0.3960,
0.4742

 62.3889, 0.3960,
0.4742


433.3483, 0.3612,
0.4065


 45.3470, 0.4021,
0.4887


 108.2874, 0.3852,
0.4512

 31.7308, 0.4085,
0.5058


 137.9128, 0.3806,
0.4421


 21.1560, 0.4144,
0.5258


 172.5015, 0.3765,
0.4341

 13.2381, 0.4185,
0.5488

 212.4379, 0.3728,
0.4272

 7.5927, 0.4212,
0.5788

 258.1064, 0.3695,
0.4211

 3.8354, 0.4037,
0.5963

309.8913, 0.3664,

 1.5819, 0.3737,

0.4156

0.6263

368.1772, 0.3637,
0.4108

0.3454, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.3889, 0.3960,
0.4742

62.3889, 0.3960,
0.4742

62.0240, 0.4042,
0.4893

62.8611, 0.3854,
0.4552

61.7480, 0.4099,
0.5002

63.4405, 0.3730,
0.4333

61.5517, 0.4130,
0.5067

64.1377, 0.3593,
0.4092

61.4377, 0.4140,
0.5095

64.9597, 0.3448,
0.3842

■ 65.9131, 0.3302,
0.3589

■ 67.0037, 0.3158,
0.3342

■ 68.2372, 0.3019,
0.3106

■ 69.6189, 0.2889,
0.2884

■ 69.8971, 0.2876,
0.2857

Harmonies

Analogous

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



62.3889, 0.4552, 0.4292



62.3889, 0.3960, 0.4742



62.3889, 0.3189, 0.4765

Triad

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



62.3889, 0.3960, 0.4742



62.3889, 0.1720, 0.2539



62.3889, 0.3731, 0.2589

Complementary

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



62.3889, 0.3960, 0.4742



12.6724, 0.1950, 0.1312

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.



62.3889, 0.2882, 0.2215



62.3889, 0.3960, 0.4742



62.3889, 0.1820, 0.2145

Square

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



62.3889, 0.3960, 0.4742



62.3889, 0.1924, 0.3268



62.3889, 0.2210, 0.2054



62.3889, 0.4467, 0.3110

Rectangle

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



62.3889, 0.3960, 0.4742



62.3889, 0.2676, 0.4428



62.3889, 0.2210, 0.2054



62.3889, 0.3443, 0.2444

Sweetspot

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



62.3918, 0.3960, 0.4742



96.9834, 0.3405, 0.3766



21.1106, 0.5084, 0.3320



20.6751, 0.3447, 0.3840



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.



62.3918, 0.3960, 0.4742



92.0563, 0.4066, 0.4937



54.7423, 0.3438, 0.5050



14.4997, 0.3262, 0.3521



37.1365, 0.4141, 0.5094



2.2461, 0.4150, 0.5087

Inverse Universe

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



12.6724, 0.1950, 0.1312



12.1456, 0.1717, 0.0932



17.1963, 0.2503, 0.1559



12.0266, 0.2986, 0.3049



2.9682, 0.1510, 0.0606



0.1855, 0.1543, 0.0624

Previews

White Background



This preview shows how the Yxy color 62.3889, 0.3960, 0.4742 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 62.3889, 0.3960, 0.4742 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 62.3889, 0.3960, 0.4742

Background



This preview shows how black text looks on a background with the Yxy color 62.3889, 0.3960, 0.4742.



This preview shows how white text looks on a background with the Yxy color 62.3889, 0.3960, 0.4742.

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

62.3889, 0.3960, 0.4742

Protanopia

62.1791, 0.4190, 0.4597

Deuteranopia

62.0187, 0.4371, 0.4284



Tritanopia

61.9544, 0.3190, 0.3113

Trichromacy



Original Color

62.3889, 0.3960, 0.4742

Protanomaly

62.3603, 0.4098, 0.4653

Deuteranomaly

61.8008, 0.4227, 0.4443

Tritanomaly

61.3581, 0.3510, 0.3731

Monochromacy



Original Color

62.3889, 0.3960, 0.4742

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.1088, 0.3470, 0.3888

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3889, 0.3960, 0.4742 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(210, 214, 81)` looks like.

```
.text, #text, p{  
    color:rgb(210, 214, 81)  
}
```

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(210, 214, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 214, 81) }
```

Border

The CSS property to change the border of an element to Yxy 62.3889, 0.3960, 0.4742 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(210, 214, 81) }
```

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

```
.border{ border-color:rgb(210, 214, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 214, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 214, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 214, 81);  
box-shadow:4px 4px 4px 4px rgb(210, 214,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3889, 0.3960, 0.4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 214, 81) }
```

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

```
.background{ background-color: rgb(210,  
214, 81) }
```

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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