

Converting Colors

Yxy(65.8385, 0.3943, 0.4639)

Have a look what the booklet for
Yxy(65.8385, 0.3943, 0.4639)
contains.

Yxy(65.8385, 0.3943, 0.4639)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.8385, 0.3943, 0.4639)

Conversions

Conversions Part 1

Format	Color
Hex	DADA5D
RGB	218, 218, 93
RGB Percent	85%, 85%, 36%
CMY	0.1451, 0.1451, 0.6351
CMYK	0.00, 0.00, 0.57, 0.15
HSL	60°, 63%, 61%
HSV	60°, 57%, 85%
XYZ	55.9606, 65.8385, 20.1248
YIQ	203.7500, 40.1250, -38.8750

Conversions

Conversions Part 2

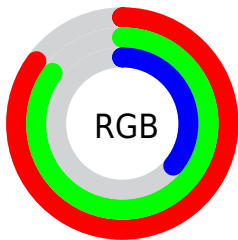
Format	Color
R _Y B	93, 218, 93
Decimal	14342749
CIE Lab	84.91, -15.91, 60.06
CIE LCh	85, 62.135, 104.832
Yxy	65.8385, 0.3943, 0.4639
Android (android.graphics.Color)	4292532829 (0xFFDADA5D)
YUV	203.7500, -54.5998, 12.4972
Hunter-Lab	81.1409, -18.8902, 42.0934

Details

The Yxy color **65.8385, 0.3943, 0.4639** 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 **15.2297, 0.2019, 0.1458**, and the grayscale version is **60.5535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8866, 0.3761, 0.4338**, and **33.8015, 0.4075, 0.4932** is the 20% darker color. If you saturate the color by 10%, you get **65.5081, 0.4042, 0.4803**, and if you desaturate by 10%, it is **66.2851, 0.3822, 0.4439**.

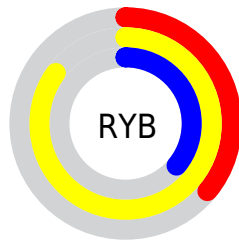
Distribution



Red (85%)

Green (85%)

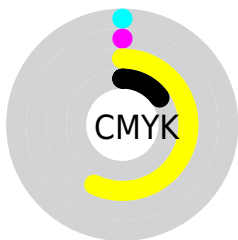
Blue (36%)



Red (36%)

Yellow (85%)

Blue (36%)

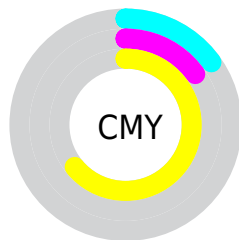


Cyan (0%)

Magenta (0%)

Yellow (57%)

Black (15%)



Cyan (15%)


Magenta (15%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8385, 0.3943, 0.4639 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 65.8385, 0.3943, 0.4639 by changing the saturation by 10% instead.


 65.8385, 0.3943,
0.4639

 65.8385, 0.3943,
0.4639


445.7991, 0.3598,
0.4014


 48.1413, 0.4007,
0.4774


 113.2545, 0.3834,
0.4427


 33.9388, 0.4076,
0.4933


 143.7421, 0.3788,
0.4343

 22.8466, 0.4146,
0.5120


 179.2620, 0.3747,
0.4269

 14.4803, 0.4206,
0.5338

 220.1985, 0.3711,
0.4205

 8.4555, 0.4310,
0.5683

266.9361, 0.3678,
0.4149

 4.3877, 0.4172,
0.5828

319.8591, 0.3649,

 1.8927, 0.3936,

0.4099

0.6064

379.3520, 0.3622,
0.4054

0.5440, 0.1914,
0.8086

0.0000, 0.0000,
0.0000

65.8385, 0.3943,
0.4639

65.8385, 0.3943,
0.4639

65.5081, 0.4042,
0.4803

66.2851, 0.3822,
0.4439

65.2752, 0.4117,
0.4926


66.8472, 0.3685,
0.4213


65.1314, 0.4165,
0.5006

67.5356, 0.3538,
0.3969


65.0617, 0.4189,
0.5045

68.3574, 0.3386,
0.3718

 65.0488, 0.4193,
0.5053

 69.3189, 0.3235,
0.3468

 70.4264, 0.3088,
0.3226

 71.6855, 0.2949,
0.2996

 72.2734, 0.2892,
0.2902

 72.2737, 0.2892,
0.2902

Harmonies

Analogous

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



65.8385, 0.4482, 0.4224



65.8385, 0.3943, 0.4639



65.8385, 0.3223, 0.4663

Triad

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



65.8385, 0.3943, 0.4639



65.8385, 0.1803, 0.2614



65.8385, 0.3662, 0.2615

Complementary

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



65.8385, 0.3943, 0.4639



15.2297, 0.2019, 0.1458

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.



65.8385, 0.2874, 0.2267



65.8385, 0.3943, 0.4639



65.8385, 0.1886, 0.2225

Square

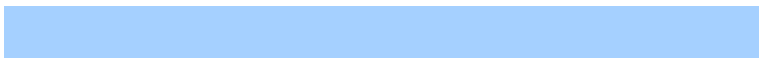
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8385, 0.3943, 0.4639



65.8385, 0.2012, 0.3307



65.8385, 0.2248, 0.2124



65.8385, 0.4354, 0.3108

Rectangle

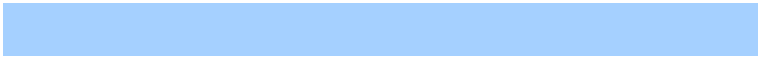
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.8385, 0.3943, 0.4639



65.8385, 0.2738, 0.4364



65.8385, 0.2248, 0.2124



65.8385, 0.3394, 0.2480

Sweetspot

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



65.8415, 0.3943, 0.4639



97.5149, 0.3384, 0.3714



23.5346, 0.4874, 0.3295



20.8178, 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.



65.8415, 0.3943, 0.4639



93.3415, 0.4062, 0.4835



57.9581, 0.3445, 0.4910



15.2638, 0.3267, 0.3521



38.9685, 0.4193, 0.5053



2.5246, 0.4193, 0.5053

Inverse Universe

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



15.2297, 0.2019, 0.1458



14.4844, 0.1788, 0.1075



19.9202, 0.2544, 0.1678



12.6173, 0.2981, 0.3048



3.0328, 0.1500, 0.0600



0.1965, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 65.8385, 0.3943, 0.4639 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 65.8385, 0.3943, 0.4639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

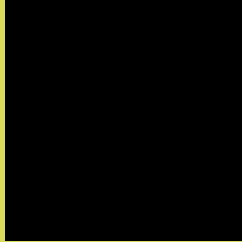
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.8385, 0.3943, 0.4639

Background



This preview shows how black text looks on a background with the Yxy color 65.8385, 0.3943, 0.4639.



This preview shows how white text looks on a background with the Yxy color 65.8385, 0.3943, 0.4639.

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

65.8385, 0.3943, 0.4639

Protanopia

65.6752, 0.4136, 0.4526

Deuteranopia

65.4271, 0.4143, 0.4093



Tritanopia

65.8720, 0.3211, 0.3118

Trichromacy



Original Color

65.8385, 0.3943, 0.4639

Protanomaly

65.5239, 0.4062, 0.4566

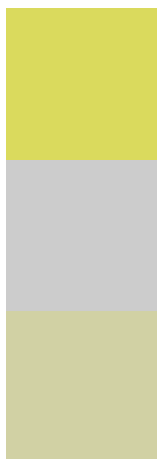
Deuteranomaly

65.1813, 0.4082, 0.4281

Tritanomaly

65.3179, 0.3511, 0.3695

Monochromacy



Original Color

65.8385, 0.3943, 0.4639

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.8366, 0.3450, 0.3823

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8385, 0.3943, 0.4639 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(218, 218, 93)` looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 93)  
}
```

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(218, 218, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 93) }
```

Border

The CSS property to change the border of an element to Yxy 65.8385, 0.3943, 0.4639 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(218, 218, 93) }
```

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

```
.border{ border-color:rgb(218, 218, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 218, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 93);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8385, 0.3943, 0.4639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 93) }
```

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

```
.background{ background-color: rgb(218,  
218, 93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor