

Converting Colors

Yxy(60.5442, 0.3785, 0.4129)

Have a look what the booklet for
Yxy(60.5442, 0.3785, 0.4129)
contains.

Yxy(60.5442, 0.3785, 0.4129)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.5442, 0.3785, 0.4129)

Conversions

Conversions Part 1

Format	Color
Hex	DCCD84
RGB	220, 205, 132
RGB Percent	86%, 80%, 52%
CMY	0.1374, 0.1960, 0.4824
CMYK	0.00, 0.07, 0.40, 0.14
HSL	50°, 56%, 69%
HSV	50°, 40%, 86%
XYZ	55.5001, 60.5442, 30.5874
YIQ	201.1630, 32.3730, -19.5230

Conversions

Conversions Part 2

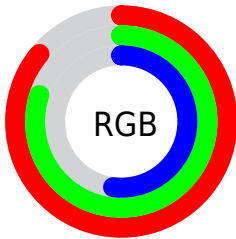
Format	Color
RYB	150, 220, 132
Decimal	14470532
CIELab	82.13, -5.07, 38.21
CIELCh	82, 38.544, 97.562
Yxy	60.5442, 0.3785, 0.4129
Android (android.graphics.Color)	4292660612 (0xFFDCCD84)
YUV	201.1630, -34.0974, 16.5200
Hunter-Lab	77.8102, -8.8481, 31.1601

Details

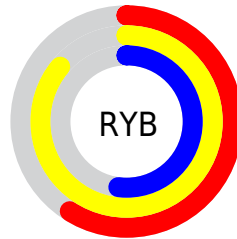
The Yxy color **60.5442, 0.3785, 0.4129** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.9131, 0.2421, 0.2278**, and the grayscale version is **58.7132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3252, 0.3538, 0.3969**, and **30.6198, 0.3940, 0.4330** is the 20% darker color. If you saturate the color by 10%, you get **58.2418, 0.3955, 0.4324**, and if you desaturate by 10%, it is **63.0218, 0.3612, 0.3920**.

Distribution



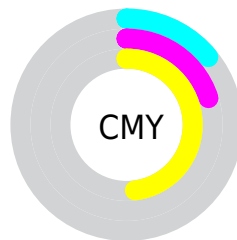
- Red (86%)
- Green (80%)
- Blue (52%)



- Red (59%)
- Yellow (86%)
- Blue (52%)



- Cyan (0%)
- Magenta (7%)
- Yellow (40%)
- Black (14%)





- Cyan (14%)
- Magenta (20%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5442, 0.3785, 0.4129 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 60.5442, 0.3785, 0.4129 by changing the saturation by 10% instead.

 60.5442, 0.3785,
0.4129


 60.5442, 0.3785,
0.4129


426.6008, 0.3480,
0.3731

 43.8574, 0.3853,
0.4220


 105.6187, 0.3680,
0.3990

 30.5584, 0.3934,
0.4332


 134.7752, 0.3639,
0.3936

 20.2628, 0.4033,
0.4471


 168.8571, 0.3604,
0.3890

 12.5863, 0.4154,
0.4647

208.2487, 0.3573,
0.3850

 7.1443, 0.4297,
0.4870

253.3345, 0.3545,
0.3814

 3.5525, 0.4639,
0.5361

304.4989, 0.3521,

 1.4265, 0.4554,

0.3783

0.5446

362.1261, 0.3499,
0.3756

■ 0.2361, 0.2988,
0.7012

■ 0.0000, 0.0000,
0.0000

■ 60.5442, 0.3785,
0.4129

■ 60.5442, 0.3785,
0.4129

■ 58.2418, 0.3955,
0.4324

■ 63.0218, 0.3612,
0.3920

■ 56.0978, 0.4115,
0.4495


■ 65.6738, 0.3442,
0.3706

■ 54.1057, 0.4258,
0.4632


■ 68.5100, 0.3280,
0.3494

■ 52.2552, 0.4377,
0.4726


■ 71.5372, 0.3127,
0.3290

 50.5336, 0.4467,
0.4775


 74.7614, 0.2986,
0.3096


 48.9191, 0.4533,
0.4783

 77.5978, 0.2908,
0.3003

 48.9176, 0.4533,
0.4783

 79.6673, 0.2909,
0.3043

 81.7815, 0.2911,
0.3082

 83.9406, 0.2912,
0.3121

Harmonies

Analogous

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



60.5442, 0.4068, 0.3863



60.5442, 0.3785, 0.4129



60.5442, 0.3337, 0.4167

Triad

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



60.5442, 0.3785, 0.4129



60.5442, 0.2254, 0.2970



60.5442, 0.3356, 0.2770

Complementary

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



60.5442, 0.3785, 0.4129



30.9131, 0.2421, 0.2278

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.



60.5442, 0.2859, 0.2558



60.5442, 0.3785, 0.4129



60.5442, 0.2257, 0.2641

Square

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



60.5442, 0.3785, 0.4129



60.5442, 0.2463, 0.3442



60.5442, 0.2468, 0.2506



60.5442, 0.3819, 0.3100

Rectangle

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



60.5442, 0.3785, 0.4129



60.5442, 0.3010, 0.4026



60.5442, 0.2468, 0.2506



60.5442, 0.3186, 0.2684

Sweetspot

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



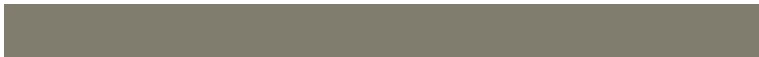
60.5470, 0.3785, 0.4129



94.9142, 0.3313, 0.3539



33.8505, 0.3944, 0.3097



20.2021, 0.3335, 0.3566



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.



60.5470, 0.3785, 0.4129



81.9156, 0.3928, 0.4294



64.0462, 0.3503, 0.4356



14.8681, 0.3271, 0.3483



28.8665, 0.4527, 0.4788



1.9717, 0.4463, 0.4838

Inverse Universe

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



30.9131, 0.2421, 0.2278



35.0798, 0.2254, 0.2022



29.1230, 0.2616, 0.2139



12.9726, 0.2981, 0.3090



3.9327, 0.1543, 0.0756



0.3656, 0.1619, 0.1028

Previews

White Background



This preview shows how the Yxy color 60.5442, 0.3785, 0.4129 looks on a white background.

Color Contrast Check

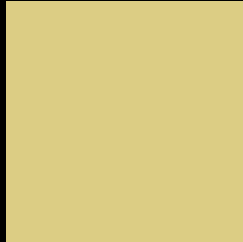
Large Text (above 18pt) WCAG AA × Fail

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 60.5442, 0.3785, 0.4129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

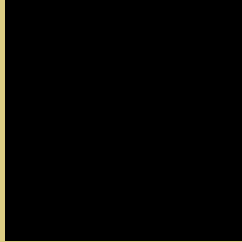
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5442, 0.3785, 0.4129

Background



This preview shows how black text looks on a background with the Yxy color 60.5442, 0.3785, 0.4129.

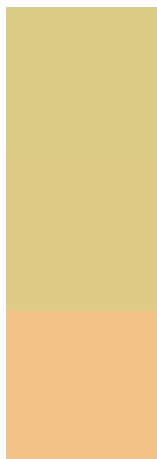


This preview shows how white text looks on a background with the Yxy color 60.5442, 0.3785, 0.4129.

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

60.5442, 0.3785, 0.4129

Protanopia

60.3813, 0.3807, 0.4113

Deuteranopia

60.1639, 0.4029, 0.3943



Tritanopia

60.3914, 0.3279, 0.3114

Trichromacy



Original Color

60.5442, 0.3785, 0.4129

Protanomaly

60.2238, 0.3798, 0.4116

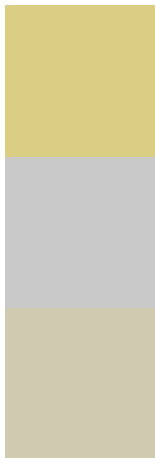
Deuteranomaly

60.3732, 0.3941, 0.4016

Tritanomaly

60.3930, 0.3474, 0.3484

Monochromacy



Original Color

60.5442, 0.3785, 0.4129

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7855, 0.3367, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5442, 0.3785, 0.4129 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(220, 205, 132)` looks like.

```
.text, #text, p{  
    color:rgb(220, 205, 132)  
}
```

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(220, 205, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 205, 132) }
```

Border

The CSS property to change the border of an element to Yxy 60.5442, 0.3785, 0.4129 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(220, 205, 132) }
```

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

```
.border{ border-color:rgb(220, 205, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 205, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 205, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 205, 132);  
box-shadow:4px 4px 4px 4px rgb(220, 205,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5442, 0.3785, 0.4129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 205, 132) }
```

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

```
.background{ background-color: rgb(220,  
205, 132) }
```

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