

Converting Colors

$Yxy(63.9105, 0.3735, 0.4296)$

Have a look what the booklet for
Yxy(63.9105, 0.3735, 0.4296)
contains.

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Color

Yxy(63.8956, 0.3738, 0.4300)

Conversions

Conversions Part 1

Format	Color
Hex	D6D67E
RGB	214, 214, 126
RGB Percent	84%, 84%, 49%
CMY	0.1608, 0.1608, 0.5058
CMYK	0.00, 0.00, 0.41, 0.16
HSL	60°, 52%, 67%
HSV	60°, 41%, 84%
XYZ	55.5446, 63.8956, 29.1542
YIQ	203.9680, 28.2480, -27.3680

Conversions

Conversions Part 2

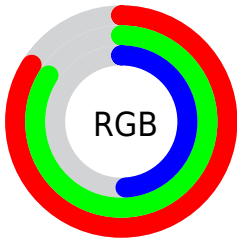
Format	Color
RYB	126, 214, 126
Decimal	14079614
CIELab	83.91, -12.63, 43.35
CIElCh	84, 45.155, 106.236
Yxy	63.8956, 0.3738, 0.4300
Android (android.graphics.Color)	4292269694 (0xFFD6D67E)
YUV	203.9680, -38.4382, 8.7981
Hunter-Lab	79.9347, -15.8507, 34.3297

Details

The Yxy color **63.8956, 0.3738, 0.4300** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.2240, 0.2366, 0.2031**, and the grayscale version is **60.5992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0753, 0.3573, 0.4028**, and **32.5734, 0.3866, 0.4535** is the 20% darker color. If you saturate the color by 10%, you get **63.4033, 0.3869, 0.4517**, and if you desaturate by 10%, it is **64.5119, 0.3594, 0.4062**.

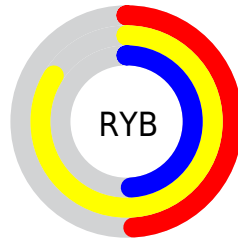
Distribution



Red (84%)

Green (84%)

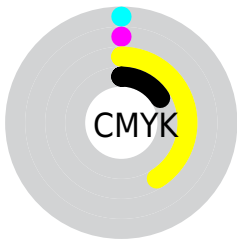
Blue (49%)



Red (49%)

Yellow (84%)

Blue (49%)

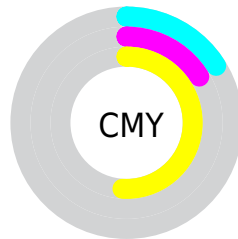


Cyan (0%)

Magenta (0%)

Yellow (41%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8956, 0.3738, 0.4300 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 63.8956, 0.3738, 0.4300 by changing the saturation by 10% instead.


 63.8956, 0.3738,
0.4300


 63.8956, 0.3738,
0.4300


438.8125, 0.3465,
0.3819


 46.5661, 0.3795,
0.4410

 110.4606, 0.3647,
0.4132

 32.6928, 0.3862,
0.4545


 140.4648, 0.3610,
0.4067

 21.8912, 0.3940,
0.4713


 175.4629, 0.3578,
0.4011

 13.7770, 0.4027,
0.4925

215.8390, 0.3550,
0.3963

 7.9657, 0.4117,
0.5193

261.9776, 0.3525,
0.3920

 4.0730, 0.4306,
0.5694

314.2632, 0.3503,

 1.7145, 0.4110,

0.3883

0.5890

373.0800, 0.3483,
0.3849

0.4330, 0.1927,
0.8073

0.0000, 0.0000,
0.0000

63.8956, 0.3738,
0.4300

63.8956, 0.3738,
0.4300

63.4033, 0.3869,
0.4517

64.5119, 0.3594,
0.4062

63.0187, 0.3983,
0.4705

65.2503, 0.3444,
0.3813

62.7362, 0.4073,
0.4854

66.1203, 0.3292,
0.3562

62.5460, 0.4137,
0.4961


67.1278, 0.3143,
0.3317

 62.4367, 0.4176,
0.5025


 68.2783, 0.3001,
0.3082

 62.3892, 0.4193,
0.5053

 69.5772, 0.2868,
0.2861

 69.6138, 0.2864,
0.2855

 69.6142, 0.2864,
0.2855

 69.6145, 0.2864,
0.2855

Harmonies

Analogous

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



63.8956, 0.4136, 0.4041



63.8956, 0.3738, 0.4300



63.8956, 0.3196, 0.4259

Triad

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



63.8956, 0.3738, 0.4300



63.8956, 0.2112, 0.2786



63.8956, 0.3555, 0.2796

Complementary

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



63.8956, 0.3738, 0.4300



24.2240, 0.2366, 0.2031

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.



63.8956, 0.2974, 0.2514



63.8956, 0.3738, 0.4300



63.8956, 0.2186, 0.2481

Square

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



63.8956, 0.3738, 0.4300



63.8956, 0.2276, 0.3292



63.8956, 0.2485, 0.2397



63.8956, 0.4044, 0.3191

Rectangle

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



63.8956, 0.3738, 0.4300



63.8956, 0.2830, 0.4030



63.8956, 0.2485, 0.2397



63.8956, 0.3361, 0.2686

Sweetspot

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



63.8985, 0.3738, 0.4300



98.1829, 0.3307, 0.3588



30.7340, 0.4175, 0.3293



20.9768, 0.3327, 0.3621



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.



63.8985, 0.3738, 0.4300



94.3904, 0.3849, 0.4484



58.1512, 0.3384, 0.4433



14.5199, 0.3266, 0.3520



37.7081, 0.4193, 0.5053



2.2744, 0.4193, 0.5053

Inverse Universe

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



24.2240, 0.2366, 0.2031



27.9494, 0.2185, 0.1732



28.3334, 0.2747, 0.2151



12.0088, 0.2981, 0.3049



2.9347, 0.1500, 0.0600



0.1770, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 63.8956, 0.3738, 0.4300 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 63.8956, 0.3738, 0.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

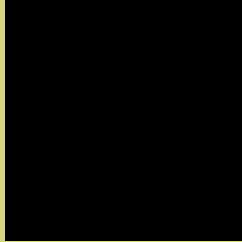
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8956, 0.3738, 0.4300

Background



This preview shows how black text looks on a background with the Yxy color 63.8956, 0.3738, 0.4300.



This preview shows how white text looks on a background with the Yxy color 63.8956, 0.3738, 0.4300.

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

63.8956, 0.3738, 0.4300

Protanopia

63.7142, 0.3898, 0.4227

Deuteranopia

63.7762, 0.4108, 0.4023



Tritanopia

63.6736, 0.3174, 0.3114

Trichromacy



Original Color

63.8956, 0.3738, 0.4300

Protanomaly

63.9165, 0.3840, 0.4251

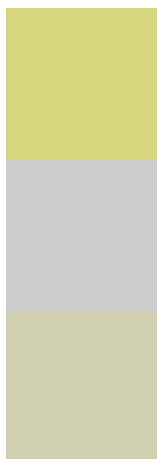
Deuteranomaly

63.5719, 0.3973, 0.4119

Tritanomaly

63.3441, 0.3387, 0.3542

Monochromacy



Original Color

63.8956, 0.3738, 0.4300

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.6562, 0.3356, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8956, 0.3738, 0.4300 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(214, 214, 126)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 126)  
}
```

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(214, 214, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 126) }
```

Border

The CSS property to change the border of an element to Yxy 63.8956, 0.3738, 0.4300 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(214, 214, 126) }
```

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

```
.border{ border-color:rgb(214, 214, 126) }
```

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

Here you see how a box with a 4 pixel rgb(214, 214, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 126);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8956, 0.3738, 0.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 126) }
```

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

```
.background{ background-color: rgb(214,  
214, 126) }
```

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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