

Converting Colors

Yxy(65.2409, 0.3813, 0.4201)

Have a look what the booklet for
Yxy(65.2409, 0.3813, 0.4201)
contains.

Yxy(65.3959, 0.3808, 0.4202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.3959, 0.3808, 0.4202)

Conversions

Conversions Part 1

Format	Color
Hex	E2D583
RGB	226, 213, 131
RGB Percent	89%, 84%, 51%
CMY	0.1136, 0.1647, 0.4863
CMYK	0.00, 0.06, 0.42, 0.11
HSL	52°, 62%, 70%
HSV	52°, 42%, 89%
XYZ	59.2641, 65.3959, 30.9705
YIQ	207.5390, 34.0700, -22.7460

Conversions

Conversions Part 2

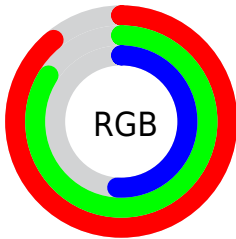
Format	Color
RYB	146, 226, 131
Decimal	14865795
CIELab	84.69, -6.84, 42.07
CIELCh	85, 42.621, 99.235
Yxy	65.3959, 0.3808, 0.4202
Android (android.graphics.Color)	4293055875 (0xFFE2D583)
YUV	207.5390, -37.7337, 16.1903
Hunter-Lab	80.8677, -10.7045, 33.9007

Details

The Yxy color **65.3959, 0.3808, 0.4202** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.2785, 0.2372, 0.2172**, and the grayscale version is **62.9992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **33.8105, 0.3947, 0.4417** is the 20% darker color. If you saturate the color by 10%, you get **63.3053, 0.3969, 0.4398**, and if you desaturate by 10%, it is **67.6560, 0.3641, 0.3989**.

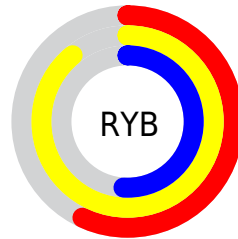
Distribution



Red (89%)

Green (84%)

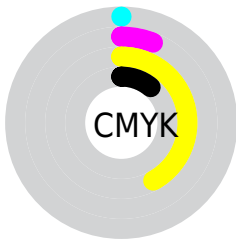
Blue (51%)



Red (57%)

Yellow (89%)

Blue (51%)

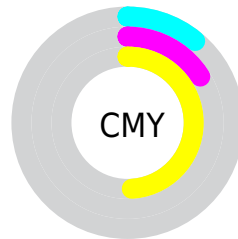


Cyan (0%)

Magenta (6%)

Yellow (42%)

Black (11%)



Cyan (11%)


Magenta (16%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3959, 0.3808, 0.4202 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 65.3959, 0.3808, 0.4202 by changing the saturation by 10% instead.

 65.3959, 0.3808,
0.4202


 65.3959, 0.3808,
0.4202


444.2133, 0.3499,
0.3775


 47.7822, 0.3874,
0.4298


 112.6188, 0.3704,
0.4054

 33.6544, 0.3953,
0.4415


 142.9969, 0.3662,
0.3997

 22.6282, 0.4048,
0.4559


 178.3984, 0.3626,
0.3947

 14.3192, 0.4159,
0.4738

219.2079, 0.3594,
0.3904

 8.3430, 0.4286,
0.4961

265.8098, 0.3566,
0.3866

 4.3152, 0.4556,
0.5401

318.5884, 0.3541,

 1.8514, 0.4477,

0.3832

0.5523

377.9281, 0.3519,
0.3802

■ 0.5189, 0.3860,
0.6140

■ 0.0000, 0.0000,
0.0000

■ 65.3959, 0.3808,
0.4202

■ 65.3959, 0.3808,
0.4202

■ 63.3053, 0.3969,
0.4398

■ 67.6560, 0.3641,
0.3989

■ 61.3664, 0.4116,
0.4567


■ 70.0849, 0.3474,
0.3768

■ 59.5721, 0.4244,
0.4700


■ 72.6930, 0.3312,
0.3547


■ 57.9109, 0.4346,
0.4789

■ 75.4873, 0.3157,
0.3333


 56.3690, 0.4420,
0.4832


 78.4745, 0.3014,
0.3129

 55.2102, 0.4461,
0.4840

 80.8894, 0.2948,
0.3051

 82.6479, 0.2949,
0.3083

 84.4374, 0.2949,
0.3115

 86.2580, 0.2950,
0.3147

Harmonies

Analogous

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



65.3959, 0.4128, 0.3920



65.3959, 0.3808, 0.4202



65.3959, 0.3319, 0.4233

Triad

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



65.3959, 0.3808, 0.4202



65.3959, 0.2186, 0.2917



65.3959, 0.3403, 0.2750

Complementary

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



65.3959, 0.3808, 0.4202



30.2785, 0.2372, 0.2172

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.



65.3959, 0.2865, 0.2516



65.3959, 0.3808, 0.4202



65.3959, 0.2203, 0.2578

Square

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



65.3959, 0.3808, 0.4202



65.3959, 0.2395, 0.3422



65.3959, 0.2439, 0.2449



65.3959, 0.3896, 0.3106

Rectangle

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



65.3959, 0.3808, 0.4202



65.3959, 0.2969, 0.4069



65.3959, 0.2439, 0.2449



65.3959, 0.3219, 0.2656

Sweetspot

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



65.3989, 0.3808, 0.4202



95.1767, 0.3328, 0.3570



34.4596, 0.4047, 0.3125



20.2055, 0.3364, 0.3619



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.



65.3989, 0.3808, 0.4202



83.6624, 0.3942, 0.4366



67.3609, 0.3496, 0.4424



15.6918, 0.3271, 0.3491



31.6149, 0.4456, 0.4844



2.2811, 0.4410, 0.4881

Inverse Universe

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



30.2785, 0.2372, 0.2172



32.0220, 0.2204, 0.1908



29.6459, 0.2610, 0.2079



13.5452, 0.2981, 0.3081



3.7922, 0.1531, 0.0711



0.3615, 0.1594, 0.0937

Previews

White Background



This preview shows how the Yxy color 65.3959, 0.3808, 0.4202 looks on a white background.

Color Contrast Check

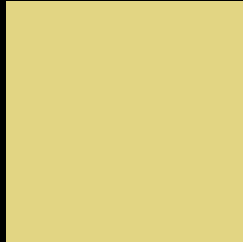
Large Text (above 18pt) WCAG AA × Fail

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 65.3959, 0.3808, 0.4202 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 65.3959, 0.3808, 0.4202

Background



This preview shows how black text looks on a background with the Yxy color 65.3959, 0.3808, 0.4202.



This preview shows how white text looks on a background with the Yxy color 65.3959, 0.3808, 0.4202.

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

65.3959, 0.3808, 0.4202

Protanopia

65.1892, 0.3864, 0.4179

Deuteranopia

65.2223, 0.4077, 0.3989



Tritanopia

64.9652, 0.3267, 0.3119

Trichromacy



Original Color

65.3959, 0.3808, 0.4202

Protanomaly

65.3567, 0.3843, 0.4194

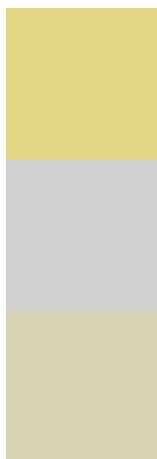
Deuteranomaly

65.0692, 0.3974, 0.4065

Tritanomaly

64.8436, 0.3478, 0.3512

Monochromacy



Original Color

65.3959, 0.3808, 0.4202

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.8355, 0.3379, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3959, 0.3808, 0.4202 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(226, 213, 131)` looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 131)  
}
```

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(226, 213, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 131) }
```

Border

The CSS property to change the border of an element to Yxy 65.3959, 0.3808, 0.4202 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(226, 213, 131) }
```

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

```
.border{ border-color:rgb(226, 213, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 213, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 213, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 213, 131);  
box-shadow:4px 4px 4px 4px rgb(226, 213,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3959, 0.3808, 0.4202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 213, 131) }
```

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

```
.background{ background-color: rgb(226,  
213, 131) }
```

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