

Converting Colors

Yxy(52.6787, 0.3689, 0.4150)

Have a look what the booklet for
Yxy(52.6787, 0.3689, 0.4150)
contains.

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Color

Yxy(52.6787, 0.3689, 0.4150)

Conversions

Conversions Part 1

Format	Color
Hex	C7C37E
RGB	199, 195, 126
RGB Percent	78%, 76%, 49%
CMY	0.2197, 0.2352, 0.5060
CMYK	0.00, 0.02, 0.37, 0.22
HSL	57°, 39%, 64%
HSV	57°, 37%, 78%
XYZ	46.8269, 52.6787, 27.4310
YIQ	188.3300, 24.5330, -20.6110

Conversions

Conversions Part 2

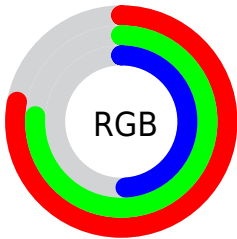
Format	Color
RYB	130, 199, 126
Decimal	13091710
CIELab	77.68, -8.91, 35.21
CIELCh	78, 36.321, 104.205
Yxy	52.6787, 0.3689, 0.4150
Android (android.graphics.Color)	4291281790 (0xFFC7C37E)
YUV	188.3300, -30.7287, 9.3576
Hunter-Lab	72.5801, -11.8513, 28.3979

Details

The Yxy color $52.6787, 0.3689, 0.4150$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $24.5035, 0.2473, 0.2254$, and the grayscale version is $50.6526, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.5090, 0.3590, 0.4002$, and $25.5008, 0.3823, 0.4366$ is the 20% darker color. If you saturate the color by 10%, you get $51.7364, 0.3836, 0.4369$, and if you desaturate by 10%, it is $53.7314, 0.3534, 0.3917$.

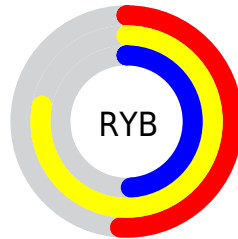
Distribution



Red (78%)

Green (76%)

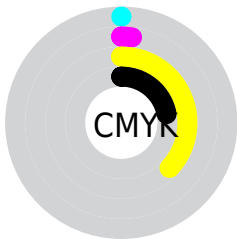
Blue (49%)



Red (51%)

Yellow (78%)

Blue (49%)

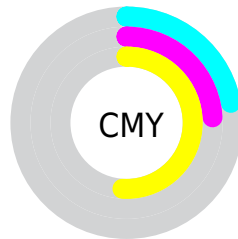


Cyan (0%)

Magenta (2%)

Yellow (37%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6787, 0.3689, 0.4150 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 52.6787, 0.3689, 0.4150 by changing the saturation by 10% instead.


 52.6787, 0.3689,
0.4150


 52.6787, 0.3689,
0.4150


397.0512, 0.3424,
0.3727

 37.5463, 0.3749,
0.4251


 94.1314, 0.3597,
0.3999

 25.6308, 0.3821,
0.4378


 121.2205, 0.3561,
0.3941

 16.5476, 0.3909,
0.4541

 153.0641, 0.3530,
0.3892

 9.9125, 0.4016,
0.4753

190.0464, 0.3504,
0.3850

 5.3410, 0.4139,
0.5036

232.5518, 0.3480,
0.3813

 2.4487, 0.4401,
0.5599

280.9649, 0.3459,

 0.8508, 0.4099,

0.3781

0.5901

335.6699, 0.3441,
0.3752

0.0000, 0.0000,
0.0000

52.6787, 0.3689,
0.4150

52.6787, 0.3689,
0.4150

51.7364, 0.3836,
0.4369

53.7314, 0.3534,
0.3917

50.8912, 0.3971,
0.4564

54.8930, 0.3379,
0.3679

50.1388, 0.4086,
0.4727


56.1710, 0.3226,
0.3443


49.4716, 0.4177,
0.4850


57.5703, 0.3080,
0.3216

48.8807, 0.4242,
0.4929


59.0954, 0.2942,
0.3000


 48.3545, 0.4281,
0.4966

 60.7506, 0.2815,
0.2799

 48.1869, 0.4291,
0.4975

 61.8618, 0.2757,
0.2714

 62.3711, 0.2758,
0.2726

 62.8839, 0.2759,
0.2738

Harmonies

Analogous

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



52.6787, 0.4014, 0.3928



52.6787, 0.3689, 0.4150



52.6787, 0.3227, 0.4123

Triad

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



52.6787, 0.3689, 0.4150



52.6787, 0.2247, 0.2887



52.6787, 0.3463, 0.2841

Complementary

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



52.6787, 0.3689, 0.4150



24.5035, 0.2473, 0.2254

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.



52.6787, 0.2966, 0.2600



52.6787, 0.3689, 0.4150



52.6787, 0.2297, 0.2603

Square

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



52.6787, 0.3689, 0.4150



52.6787, 0.2408, 0.3331



52.6787, 0.2548, 0.2511



52.6787, 0.3890, 0.3185

Rectangle

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



52.6787, 0.3689, 0.4150



52.6787, 0.2908, 0.3941



52.6787, 0.2548, 0.2511



52.6787, 0.3297, 0.2746

Sweetspot

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



52.6811, 0.3689, 0.4150



97.3579, 0.3294, 0.3548



28.6889, 0.3948, 0.3228



20.7728, 0.3315, 0.3581



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.



52.6811, 0.3689, 0.4150



90.9412, 0.3807, 0.4326



50.5910, 0.3401, 0.4282



12.3148, 0.3267, 0.3506



31.0384, 0.4290, 0.4976



1.5004, 0.4268, 0.4993

Inverse Universe

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



24.5035, 0.2473, 0.2254



34.4976, 0.2307, 0.1986



26.2680, 0.2753, 0.2275



10.3781, 0.2983, 0.3064



2.8434, 0.1511, 0.0639



0.1675, 0.1549, 0.0775

Previews

White Background



This preview shows how the Yxy color 52.6787, 0.3689, 0.4150 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 52.6787, 0.3689, 0.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

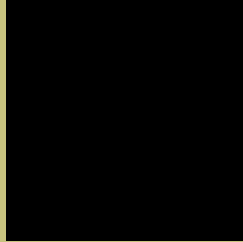
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6787, 0.3689, 0.4150

Background



This preview shows how black text looks on a background with the Yxy color 52.6787, 0.3689, 0.4150.



This preview shows how white text looks on a background with the Yxy color 52.6787, 0.3689, 0.4150.

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

52.6787, 0.3689, 0.4150

Protanopia

52.7353, 0.3799, 0.4101

Deuteranopia

52.6625, 0.4003, 0.3927



Tritanopia

52.6978, 0.3201, 0.3124

Trichromacy



Original Color

52.6787, 0.3689, 0.4150

Protanomaly

52.5997, 0.3758, 0.4123

Deuteranomaly

52.5588, 0.3892, 0.4008

Tritanomaly

52.3915, 0.3388, 0.3486

Monochromacy



Original Color

52.6787, 0.3689, 0.4150

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.1847, 0.3337, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6787, 0.3689, 0.4150 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(199, 195, 126)` looks like.

```
.text, #text, p{  
    color:rgb(199, 195, 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(199, 195, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 195, 126) }
```

Border

The CSS property to change the border of an element to Yxy 52.6787, 0.3689, 0.4150 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(199, 195, 126) }
```

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

```
.border{ border-color:rgb(199, 195, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 195, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 195, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 195, 126);  
box-shadow:4px 4px 4px 4px rgb(199, 195,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6787, 0.3689, 0.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 195, 126) }
```

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

```
.background{ background-color: rgb(199,  
195, 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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