

Converting Colors

Yxy(60.5548, 0.3763, 0.4146)

Have a look what the booklet for
Yxy(60.5548, 0.3763, 0.4146)
contains.

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Color

Yxy(60.7140, 0.3764, 0.4144)

Conversions

Conversions Part 1

Format	Color
Hex	DACE84
RGB	218, 206, 132
RGB Percent	85%, 81%, 52%
CMY	0.1452, 0.1921, 0.4823
CMYK	0.00, 0.05, 0.39, 0.15
HSL	52°, 54%, 69%
HSV	52°, 39%, 85%
XYZ	55.1466, 60.7140, 30.6500
YIQ	201.1520, 30.9060, -20.4700

Conversions

Conversions Part 2

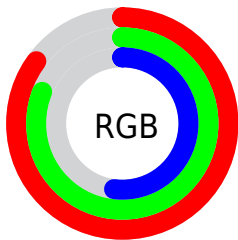
Format	Color
RYB	146, 218, 132
Decimal	14339716
CIELab	82.22, -6.36, 38.28
CIElCh	82, 38.802, 99.428
Yxy	60.7140, 0.3764, 0.4144
Android (android.graphics.Color)	4292529796 (0xFFDACE84)
YUV	201.1520, -34.0919, 14.7757
Hunter-Lab	77.9192, -10.0268, 31.2213

Details

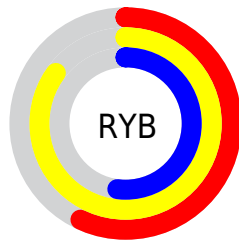
The Yxy color **60.7140, 0.3764, 0.4144** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.9132, 0.2427, 0.2258**, and the grayscale version is **58.7102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3252, 0.3538, 0.3969**, and **30.7319, 0.3911, 0.4353** is the 20% darker color. If you saturate the color by 10%, you get **58.7332, 0.3927, 0.4345**, and if you desaturate by 10%, it is **62.8532, 0.3596, 0.3929**.

Distribution



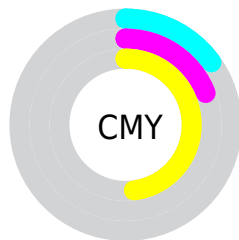
- Red (85%)
- Green (81%)
- Blue (52%)



- Red (57%)
- Yellow (85%)
- Blue (52%)



- Cyan (0%)
- Magenta (5%)
- Yellow (39%)
- Black (15%)





- Cyan (15%)
- Magenta (19%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7140, 0.3764, 0.4144 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 60.7140, 0.3764, 0.4144 by changing the saturation by 10% instead.


 60.7140, 0.3764,
0.4144


 60.7140, 0.3764,
0.4144

427.2246, 0.3470,
0.3738


 43.9944, 0.3829,
0.4237


 105.8647, 0.3663,
0.4002

 30.6661, 0.3907,
0.4352


 135.0646, 0.3624,
0.3947

 20.3447, 0.4002,
0.4496


 169.1934, 0.3589,
0.3900

 12.6459, 0.4116,
0.4677

208.6355, 0.3559,
0.3859

 7.1852, 0.4251,
0.4909

253.7753, 0.3533,
0.3823

 3.5782, 0.4577,
0.5419

304.9971, 0.3509,

 1.4405, 0.4473,

0.3791

0.5527

362.6854, 0.3488,
0.3763

0.2463, 0.2427,
0.7573

0.0000, 0.0000,
0.0000

60.7140, 0.3764,
0.4144

60.7140, 0.3764,
0.4144

58.7332, 0.3927,
0.4345

62.8532, 0.3596,
0.3929

56.8946, 0.4079,
0.4522

65.1499, 0.3430,
0.3708

55.1921, 0.4213,
0.4664

67.6136, 0.3270,
0.3489

53.6155, 0.4323,
0.4766

70.2506, 0.3119,
0.3278

■ 52.1531, 0.4405,
0.4821

■ 73.0668, 0.2978,
0.3078

■ 50.7849, 0.4462,
0.4836

■ 75.5544, 0.2894,
0.2968

■ 50.7088, 0.4465,
0.4837

■ 77.2029, 0.2896,
0.3001

■ 78.8807, 0.2897,
0.3033

■ 80.5880, 0.2898,
0.3065

Harmonies

Analogous

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



60.7140, 0.4063, 0.3887



60.7140, 0.3764, 0.4144



60.7140, 0.3307, 0.4165

Triad

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



60.7140, 0.3764, 0.4144



60.7140, 0.2243, 0.2942



60.7140, 0.3389, 0.2785

Complementary

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



60.7140, 0.3764, 0.4144



29.9132, 0.2427, 0.2258

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.



60.7140, 0.2887, 0.2563



60.7140, 0.3764, 0.4144



60.7140, 0.2260, 0.2623

Square

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



60.7140, 0.3764, 0.4144



60.7140, 0.2440, 0.3411



60.7140, 0.2484, 0.2500



60.7140, 0.3847, 0.3122

Rectangle

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



60.7140, 0.3764, 0.4144



60.7140, 0.2979, 0.4010



60.7140, 0.2484, 0.2500



60.7140, 0.3218, 0.2696

Sweetspot

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



60.7168, 0.3764, 0.4144



95.4947, 0.3312, 0.3547



33.4533, 0.3961, 0.3135



20.3395, 0.3333, 0.3576



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.



60.7168, 0.3764, 0.4144



84.3430, 0.3895, 0.4306



62.4777, 0.3476, 0.4348



14.9385, 0.3270, 0.3490



30.5047, 0.4460, 0.4840



2.0631, 0.4410, 0.4880

Inverse Universe

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



29.9132, 0.2427, 0.2258



34.7880, 0.2266, 0.2007



29.2628, 0.2651, 0.2165



12.9082, 0.2981, 0.3082



3.6920, 0.1532, 0.0715



0.3352, 0.1599, 0.0956

Previews

White Background



This preview shows how the Yxy color 60.7140, 0.3764, 0.4144 looks on a white background.

Color Contrast Check

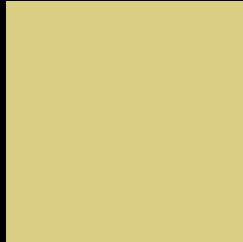
Large Text (above 18pt) WCAG AA × Fail

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 60.7140, 0.3764, 0.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

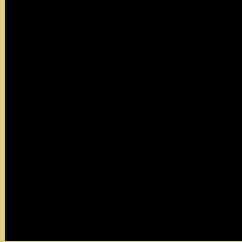
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7140, 0.3764, 0.4144

Background



This preview shows how black text looks on a background with the Yxy color 60.7140, 0.3764, 0.4144.



This preview shows how white text looks on a background with the Yxy color 60.7140, 0.3764, 0.4144.

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

60.7140, 0.3764, 0.4144

Protanopia

60.5124, 0.3822, 0.4121

Deuteranopia

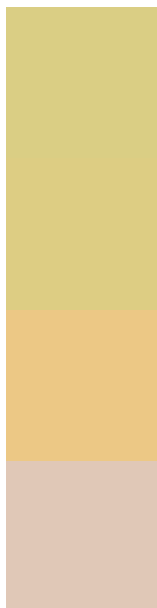
60.7939, 0.4033, 0.3951



Tritanopia

60.5642, 0.3254, 0.3114

Trichromacy



Original Color

60.7140, 0.3764, 0.4144

Protanomaly

60.6735, 0.3801, 0.4137

Deuteranomaly

60.8349, 0.3936, 0.4026

Tritanomaly

60.5747, 0.3448, 0.3484

Monochromacy



Original Color

60.7140, 0.3764, 0.4144

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1119, 0.3357, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7140, 0.3764, 0.4144 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, 206, 132)` looks like.

```
.text, #text, p{  
    color:rgb(218, 206, 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(218, 206, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 206, 132) }
```

Border

The CSS property to change the border of an element to Yxy 60.7140, 0.3764, 0.4144 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, 206, 132) }
```

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

```
.border{ border-color:rgb(218, 206, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 206, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 206, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 206, 132);  
box-shadow:4px 4px 4px 4px rgb(218, 206,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7140, 0.3764, 0.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 206, 132) }
```

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

```
.background{ background-color: rgb(218,  
206, 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](#).

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