

Converting Colors

$Yxy(74.1397, 0.3843, 0.4718)$

Have a look what the booklet for
Yxy(74.1397, 0.3843, 0.4718)
contains.

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Color

Yxy(74.0651, 0.3838, 0.4718)

Conversions

Conversions Part 1

Format	Color
Hex	DAE962
RGB	218, 233, 98
RGB Percent	85%, 91%, 38%
CMY	0.1452, 0.0862, 0.6158
CMYK	0.06, 0.00, 0.58, 0.09
HSL	67°, 75%, 65%
HSV	67°, 58%, 91%
XYZ	60.2505, 74.0651, 22.6685
YIQ	213.1250, 34.3950, -45.1650

Conversions

Conversions Part 2

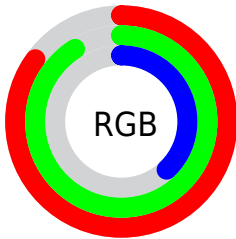
Format	Color
R_{YB}	98, 233, 113
Decimal	14346594
CIE _{Lab}	88.95, -22.87, 62.42
CIE _{LCh}	89, 66.476, 110.123
Yxy	74.0651, 0.3838, 0.4718
Android (android.graphics.Color)	4292536674 (0xFFDAE962)
YUV	213.1250, -56.7566, 4.2754
Hunter-Lab	86.0611, -25.6408, 44.6258

Details

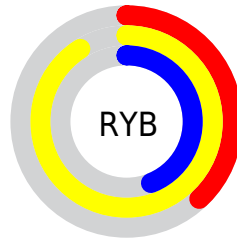
The Yxy color **74.0651, 0.3838, 0.4718** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **18.1262, 0.2100, 0.1471**, and the grayscale version is **66.9953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0799, 0.3728, 0.4284**, and **39.0780, 0.3940, 0.5028** is the 20% darker color. If you saturate the color by 10%, you get **73.2938, 0.3916, 0.4903**, and if you desaturate by 10%, it is **74.9775, 0.3738, 0.4499**.

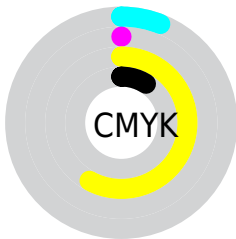
Distribution



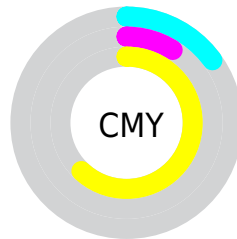
- Red (85%)
- Green (91%)
- Blue (38%)



- Red (38%)
- Yellow (91%)
- Blue (44%)



- Cyan (6%)
- Magenta (0%)
- Yellow (58%)
- Black (9%)





- Cyan (15%)
- Magenta (9%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0651, 0.3838, 0.4718 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 74.0651, 0.3838, 0.4718 by changing the saturation by 10% instead.


 74.0651, 0.3838,
0.4718

 74.0651, 0.3838,
0.4718

474.6980, 0.3553,
0.4060

 54.8473, 0.3887,
0.4860


 124.9881, 0.3751,
0.4495

 39.2795, 0.3938,
0.5028


 157.4621, 0.3713,
0.4407

 26.9772, 0.3986,
0.5227


 195.1236, 0.3680,
0.4330

 17.5561, 0.4021,
0.5463

 238.3571, 0.3649,
0.4262

 10.6318, 0.4046,
0.5773

287.5468, 0.3621,
0.4203

 5.8198, 0.3947,
0.6053

343.0773, 0.3596,

 2.7358, 0.3671,

0.4150

0.6329

405.3329, 0.3573,
0.4103

0.9954, 0.2783,
0.7217

0.0000, 0.0000,
0.0000

74.0651, 0.3838,
0.4718

74.0651, 0.3838,
0.4718

73.2938, 0.3916,
0.4903

74.9775, 0.3738,
0.4499

72.6419, 0.3968,
0.5046


76.0310, 0.3622,
0.4257


72.0993, 0.3995,
0.5144

77.2381, 0.3496,
0.4001

71.6473, 0.3997,
0.5200


78.6071, 0.3363,
0.3741

 71.5602, 0.3996,
0.5209

 80.1457, 0.3231,
0.3486

 81.8612, 0.3101,
0.3241

 83.3622, 0.3013,
0.3070

 83.8100, 0.3030,
0.3071

 84.2642, 0.3047,
0.3072

Harmonies

Analogous

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



74.0651, 0.4439, 0.4335



74.0651, 0.3838, 0.4718



74.0651, 0.3087, 0.4651

Triad

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



74.0651, 0.3838, 0.4718



74.0651, 0.1766, 0.2500



74.0651, 0.3819, 0.2678

Complementary

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



74.0651, 0.3838, 0.4718



18.1262, 0.2100, 0.1471

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.



74.0651, 0.3002, 0.2292



74.0651, 0.3838, 0.4718



74.0651, 0.1901, 0.2159

Square

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



74.0651, 0.3838, 0.4718



74.0651, 0.1924, 0.3160



74.0651, 0.2320, 0.2105



74.0651, 0.4480, 0.3198

Rectangle

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



74.0651, 0.3838, 0.4718



74.0651, 0.2602, 0.4277



74.0651, 0.2320, 0.2105



74.0651, 0.3547, 0.2531

Sweetspot

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



74.0685, 0.3838, 0.4718



96.6117, 0.3352, 0.3719



29.6809, 0.4813, 0.3439



20.6020, 0.3379, 0.3771



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.



74.0685, 0.3838, 0.4718



89.7317, 0.3931, 0.4941



65.8413, 0.3354, 0.4986



17.5369, 0.3251, 0.3524



40.6335, 0.3999, 0.5207



3.2150, 0.4028, 0.5184

Inverse Universe

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



18.1262, 0.2100, 0.1471



14.9654, 0.1868, 0.1095



24.1981, 0.2659, 0.1708



14.6292, 0.2997, 0.3048



3.4887, 0.1540, 0.0622



0.3006, 0.1628, 0.0670

Previews

White Background



This preview shows how the Yxy color 74.0651, 0.3838, 0.4718 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 74.0651, 0.3838, 0.4718 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 74.0651, 0.3838, 0.4718

Background



This preview shows how black text looks on a background with the Yxy color 74.0651, 0.3838, 0.4718.



This preview shows how white text looks on a background with the Yxy color 74.0651, 0.3838, 0.4718.

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

74.0651, 0.3838, 0.4718

Protanopia

73.5580, 0.4141, 0.4535

Deuteranopia

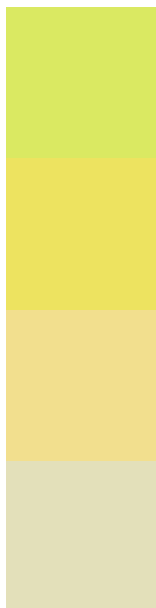
73.6757, 0.3771, 0.3805



Tritanopia

73.8750, 0.3107, 0.3112

Trichromacy



Original Color

74.0651, 0.3838, 0.4718

Protanomaly

73.7872, 0.4027, 0.4606

Deuteranomaly

73.6056, 0.3820, 0.4142

Tritanomaly

73.1874, 0.3404, 0.3707

Monochromacy



Original Color

74.0651, 0.3838, 0.4718

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

68.5737, 0.3423, 0.3850

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0651, 0.3838, 0.4718 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, 233, 98)` looks like.

```
.text, #text, p{  
    color:rgb(218, 233, 98)  
}
```

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, 233, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 233, 98) }
```

Border

The CSS property to change the border of an element to Yxy 74.0651, 0.3838, 0.4718 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, 233, 98) }
```

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

```
.border{ border-color:rgb(218, 233, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 233, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 233, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 233, 98);  
box-shadow:4px 4px 4px 4px rgb(218, 233,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0651, 0.3838, 0.4718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 233, 98) }
```

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

```
.background{ background-color: rgb(218,  
233, 98) }
```

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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