

Converting Colors

$Yxy(74.9362, 0.4035, 0.4838)$

Have a look what the booklet for
Yxy(74.9362, 0.4035, 0.4838)
contains.

Yxy(74.8523, 0.4032, 0.4839)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.8523, 0.4032, 0.4839)

Conversions

Conversions Part 1

Format	Color
Hex	E5E849
RGB	229, 232, 73
RGB Percent	90%, 91%, 29%
CMY	0.1020, 0.0902, 0.7137
CMYK	0.01, 0.00, 0.69, 0.09
HSL	61°, 78%, 60%
HSV	61°, 69%, 91%
XYZ	62.3692, 74.8523, 17.4640
YIQ	212.9770, 49.2510, -50.0850

Conversions

Conversions Part 2

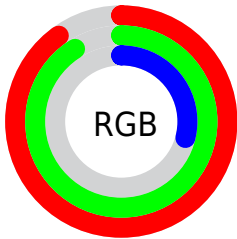
Format	Color
R _Y B	73, 232, 76
Decimal	15067209
CIE Lab	89.32, -19.49, 72.93
CIE LCh	89, 75.487, 104.963
Yxy	74.8523, 0.4032, 0.4839
Android (android.graphics.Color)	4293257289 (0xFFE5E849)
YUV	212.9770, -69.0087, 14.0522
Hunter-Lab	86.5172, -22.7267, 48.5940

Details

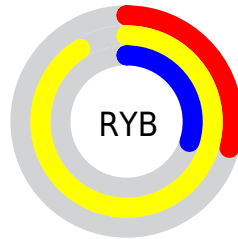
The Yxy color **74.8523, 0.4032, 0.4839** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **12.1302, 0.1817, 0.1106**, and the grayscale version is **66.9703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3917, 0.3850, 0.4484**, and **39.9903, 0.4125, 0.5107** is the 20% darker color. If you saturate the color by 10%, you get **74.5308, 0.4099, 0.4960**, and if you desaturate by 10%, it is **75.2957, 0.3939, 0.4676**.

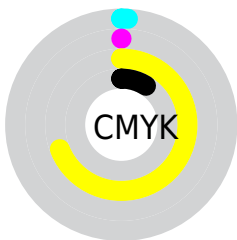
Distribution



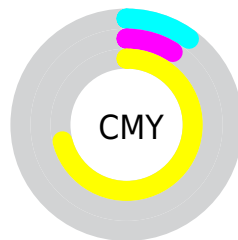
- Red (90%)
- Green (91%)
- Blue (29%)



- Red (29%)
- Yellow (91%)
- Blue (30%)



- Cyan (1%)
- Magenta (0%)
- Yellow (69%)
- Black (9%)




- Cyan (10%)
- Magenta (9%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8523, 0.4032, 0.4839 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 74.8523, 0.4032, 0.4839 by changing the saturation by 10% instead.


 74.8523, 0.4032,
0.4839


 74.8523, 0.4032,
0.4839


477.4098, 0.3677,
0.4150

 55.4919, 0.4089,
0.4978


 126.1033, 0.3927,
0.4613


 39.7957, 0.4146,
0.5137


 158.7626, 0.3880,
0.4521


 27.3793, 0.4196,
0.5316


 196.6237, 0.3838,
0.4440

 17.8583, 0.4225,
0.5513

 240.0710, 0.3799,
0.4368

 10.8483, 0.4239,
0.5761

 289.4889, 0.3764,
0.4304

 5.9649, 0.4095,
0.5905


345.2617, 0.3733,

 2.8238, 0.3866,

0.4247

0.6134

407.7738, 0.3704,
0.4196

 1.0404, 0.3269,
0.6731

 0.0000, 0.0000,
0.0000

 74.8523, 0.4032,
0.4839


 74.8523, 0.4032,
0.4839

 74.5308, 0.4099,
0.4960


 75.2957, 0.3939,
0.4676


 74.3072, 0.4140,
0.5037


 75.8619, 0.3824,
0.4476


 74.1652, 0.4158,
0.5075


 76.5646, 0.3692,
0.4249


 74.1472, 0.4160,
0.5079

 77.4126, 0.3548,
0.4004

 78.4144, 0.3400,
0.3752

 79.5776, 0.3251,
0.3499

 80.9093, 0.3106,
0.3255

 82.1812, 0.2990,
0.3058

 82.2554, 0.2993,
0.3058

Harmonies

Analogous

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



74.8523, 0.4666, 0.4325



74.8523, 0.4032, 0.4839



74.8523, 0.3208, 0.4911

Triad

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



74.8523, 0.4032, 0.4839



74.8523, 0.1628, 0.2493



74.8523, 0.3746, 0.2521

Complementary

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



74.8523, 0.4032, 0.4839



12.1302, 0.1817, 0.1106

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.



74.8523, 0.2830, 0.2134



74.8523, 0.4032, 0.4839



74.8523, 0.1724, 0.2070

Square

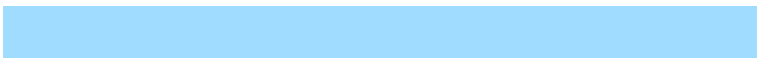
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8523, 0.4032, 0.4839



74.8523, 0.1849, 0.3289



74.8523, 0.2124, 0.1970



74.8523, 0.4558, 0.3067

Rectangle

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



74.8523, 0.4032, 0.4839



74.8523, 0.2657, 0.4563



74.8523, 0.2124, 0.1970



74.8523, 0.3433, 0.2371

Sweetspot

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



74.8558, 0.4032, 0.4839



96.8256, 0.3438, 0.3817



22.7601, 0.5404, 0.3320



20.6497, 0.3480, 0.3887



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.



74.8558, 0.4032, 0.4839



92.2300, 0.4118, 0.4995



64.6706, 0.3441, 0.5223



16.8025, 0.3265, 0.3522



41.1663, 0.4160, 0.5079



3.0465, 0.4165, 0.5075

Inverse Universe

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



12.1302, 0.1817, 0.1106



9.8412, 0.1619, 0.0783



17.5767, 0.2416, 0.1393



13.9002, 0.2983, 0.3047



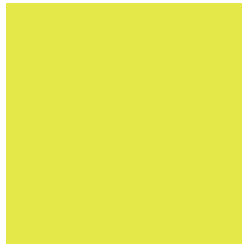
3.2564, 0.1506, 0.0603



0.2453, 0.1523, 0.0613

Previews

White Background



This preview shows how the Yxy color 74.8523, 0.4032, 0.4839 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 74.8523, 0.4032, 0.4839 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 74.8523, 0.4032, 0.4839

Background



This preview shows how black text looks on a background with the Yxy color 74.8523, 0.4032, 0.4839.



This preview shows how white text looks on a background with the Yxy color 74.8523, 0.4032, 0.4839.

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

74.8523, 0.4032, 0.4839

Protanopia

74.8146, 0.4254, 0.4691

Deuteranopia

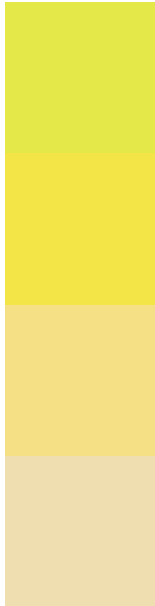
74.7876, 0.3750, 0.3804



Tritanopia

74.7993, 0.3207, 0.3117

Trichromacy



Original Color

74.8523, 0.4032, 0.4839

Protanomaly

75.0094, 0.4169, 0.4747

Deuteranomaly

74.6254, 0.3898, 0.4218

Tritanomaly

73.6884, 0.3575, 0.3793

Monochromacy



Original Color

74.8523, 0.4032, 0.4839

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

68.8551, 0.3516, 0.3948

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8523, 0.4032, 0.4839 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(229, 232, 73)` looks like.

```
.text, #text, p{  
    color:rgb(229, 232, 73)  
}
```

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(229, 232, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 232, 73) }
```

Border

The CSS property to change the border of an element to Yxy 74.8523, 0.4032, 0.4839 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(229, 232, 73) }
```

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

```
.border{ border-color:rgb(229, 232, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 232, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 232, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 232, 73);  
box-shadow:4px 4px 4px 4px rgb(229, 232,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8523, 0.4032, 0.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 232, 73) }
```

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

```
.background{ background-color: rgb(229,  
232, 73) }
```

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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