

Converting Colors

Yxy(73.9665, 0.3976, 0.4693)

Have a look what the booklet for
Yxy(73.9665, 0.3976, 0.4693)
contains.

Yxy(74.1720, 0.3979, 0.4698)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.1720, 0.3979, 0.4698)

Conversions

Conversions Part 1

Format	Color
Hex	E6E65B
RGB	230, 230, 91
RGB Percent	90%, 90%, 36%
CMY	0.0980, 0.0980, 0.6434
CMYK	0.00, 0.00, 0.60, 0.10
HSL	60°, 74%, 63%
HSV	60°, 60%, 90%
XYZ	62.8204, 74.1720, 20.8875
YIQ	214.1540, 44.6190, -43.2290

Conversions

Conversions Part 2

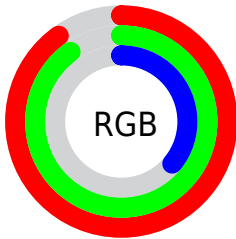
Format	Color
R _Y B	91, 230, 91
Decimal	15132251
CIE Lab	89.00, -17.07, 65.69
CIE LCh	89, 67.875, 104.562
Yxy	74.1720, 0.3979, 0.4698
Android (android.graphics.Color)	4293322331 (0xFFE6E65B)
YUV	214.1540, -60.7149, 13.8969
Hunter-Lab	86.1232, -20.5131, 45.9066

Details

The Yxy color **74.1720, 0.3979, 0.4698** 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 **15.4088, 0.1952, 0.1347**, and the grayscale version is **67.7479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8553, 0.3766, 0.4347**, and **39.4168, 0.4098, 0.4990** is the 20% darker color. If you saturate the color by 10%, you get **73.8363, 0.4071, 0.4849**, and if you desaturate by 10%, it is **74.6361, 0.3864, 0.4509**.

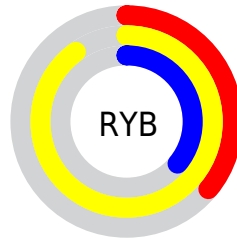
Distribution



Red (90%)

Green (90%)

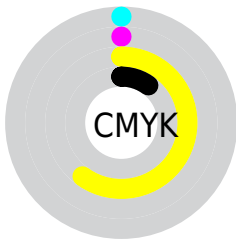
Blue (36%)



Red (36%)

Yellow (90%)

Blue (36%)

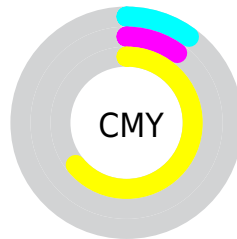


Cyan (0%)

Magenta (0%)

Yellow (60%)

Black (10%)



Cyan (10%)


Magenta (10%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1720, 0.3979, 0.4698 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 74.1720, 0.3979, 0.4698 by changing the saturation by 10% instead.

 74.1720, 0.3979,
0.4698


 74.1720, 0.3979,
0.4698


475.0668, 0.3632,
0.4064

 54.9348, 0.4040,
0.4830


 125.1396, 0.3872,
0.4487


 39.3495, 0.4105,
0.4983


 157.6388, 0.3826,
0.4402

 27.0318, 0.4169,
0.5161


 195.3275, 0.3785,
0.4327

 17.5971, 0.4222,
0.5364

 238.5901, 0.3748,
0.4262

 10.6611, 0.4292,
0.5650

287.8109, 0.3715,
0.4203

 5.8394, 0.4190,
0.5810

343.3743, 0.3684,

 2.7477, 0.3987,

0.4152

0.6013

405.6648, 0.3657,
0.4105

■ 1.0015, 0.3464,
0.6536

■ 0.0000, 0.0000,
0.0000

■ 74.1720, 0.3979,
0.4698

■ 74.1720, 0.3979,
0.4698

■ 73.8363, 0.4071,
0.4849

■ 74.6361, 0.3864,
0.4509

■ 73.6073, 0.4136,
0.4958

■ 75.2285, 0.3732,
0.4289

■ 73.4745, 0.4176,
0.5023

■ 75.9615, 0.3587,
0.4049

■ 73.4155, 0.4193,
0.5052

■ 76.8435, 0.3435,
0.3799

■ 77.8820, 0.3283,
0.3547

■ 79.0840, 0.3134,
0.3301

■ 80.4563, 0.2992,
0.3066

■ 80.6528, 0.2973,
0.3036

■ 80.6542, 0.2973,
0.3036

Harmonies

Analogous

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



74.1720, 0.4544, 0.4251



74.1720, 0.3979, 0.4698



74.1720, 0.3228, 0.4740

Triad

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



74.1720, 0.3979, 0.4698



74.1720, 0.1749, 0.2583



74.1720, 0.3679, 0.2582

Complementary

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



74.1720, 0.3979, 0.4698



15.4088, 0.1952, 0.1347

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.



74.1720, 0.2853, 0.2223



74.1720, 0.3979, 0.4698



74.1720, 0.1833, 0.2179

Square

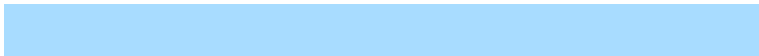
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1720, 0.3979, 0.4698



74.1720, 0.1966, 0.3311



74.1720, 0.2204, 0.2075



74.1720, 0.4410, 0.3090

Rectangle

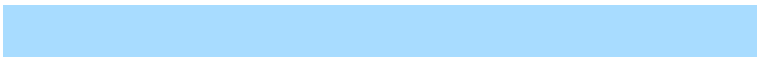
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1720, 0.3979, 0.4698



74.1720, 0.2721, 0.4430



74.1720, 0.2204, 0.2075



74.1720, 0.3397, 0.2442

Sweetspot

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



74.1754, 0.3979, 0.4698



97.3851, 0.3399, 0.3740



25.0919, 0.5002, 0.3272



20.7674, 0.3444, 0.3813



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.



74.1754, 0.3979, 0.4698



93.1944, 0.4093, 0.4886



65.1230, 0.3469, 0.4993



16.8169, 0.3268, 0.3522



41.5563, 0.4193, 0.5052



3.0710, 0.4193, 0.5052

Inverse Universe

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



15.4088, 0.1952, 0.1347



12.7201, 0.1724, 0.0969



20.4705, 0.2478, 0.1578



13.8875, 0.2980, 0.3047



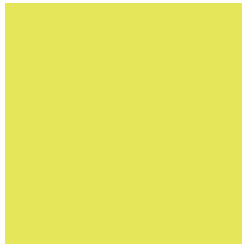
3.2349, 0.1500, 0.0600



0.2391, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 74.1720, 0.3979, 0.4698 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 74.1720, 0.3979, 0.4698 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 74.1720, 0.3979, 0.4698

Background



This preview shows how black text looks on a background with the Yxy color 74.1720, 0.3979, 0.4698.



This preview shows how white text looks on a background with the Yxy color 74.1720, 0.3979, 0.4698.

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

74.1720, 0.3979, 0.4698

Protanopia

74.1723, 0.4171, 0.4581

Deuteranopia

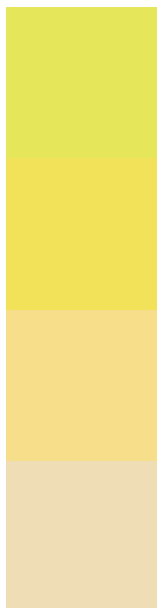
73.6757, 0.3771, 0.3805



Tritanopia

74.2280, 0.3215, 0.3116

Trichromacy



Original Color

74.1720, 0.3979, 0.4698

Protanomaly

74.0081, 0.4100, 0.4621

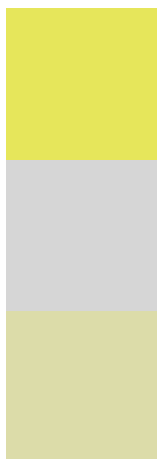
Deuteranomaly

73.6995, 0.3875, 0.4152

Tritanomaly

73.3998, 0.3536, 0.3718

Monochromacy



Original Color

74.1720, 0.3979, 0.4698

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

69.2666, 0.3476, 0.3866

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1720, 0.3979, 0.4698 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(230, 230, 91)` looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 91)  
}
```

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(230, 230, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 91) }
```

Border

The CSS property to change the border of an element to Yxy 74.1720, 0.3979, 0.4698 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(230, 230, 91) }
```

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

```
.border{ border-color:rgb(230, 230, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 230, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 91);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1720, 0.3979, 0.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 91) }
```

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

```
.background{ background-color: rgb(230,  
230, 91) }
```

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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