

Converting Colors

Yxy(73.9964, 0.4416, 0.4823)

Have a look what the booklet for
Yxy(73.9964, 0.4416, 0.4823)
contains.

Yxy(74.1099, 0.4414, 0.4824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.1099, 0.4414, 0.4824)

Conversions

Conversions Part 1

Format	Color
Hex	FFDF1A
RGB	255, 223, 26
RGB Percent	100%, 87%, 10%
CMY	0.0000, 0.1254, 0.8981
CMYK	0.00, 0.13, 0.90, 0.00
HSL	52°, 100%, 55%
HSV	52°, 90%, 100%
XYZ	67.8112, 74.1099, 11.7064
YIQ	210.1100, 82.3090, -54.4830

Conversions

Conversions Part 2

Format	Color
RYB	63, 255, 26
Decimal	16768794
CIELab	88.97, -5.70, 85.89
CIELCh	89, 86.078, 93.796
Yxy	74.1099, 0.4414, 0.4824
Android (android.graphics.Color)	4294958874 (0xFFFFDF1A)
YUV	210.1100, -90.7662, 39.3685
Hunter-Lab	86.0871, -10.0472, 52.1985

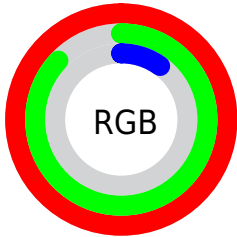
Details

The Yxy color **74.1099, 0.4414, 0.4824** is a light color, and the websafe version is hex **FFCC00**.

The color can be described as light washed yellow. A complement of this color would be **10.4617, 0.1586, 0.0830**, and the grayscale version is **65.0932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6618, 0.3994, 0.4723**, and **39.3427, 0.4442, 0.4855** is the 20% darker color. If you saturate the color by 10%, you get **72.1571, 0.4468, 0.4834**, and if you desaturate by 10%, it is **76.2053, 0.4334, 0.4773**.

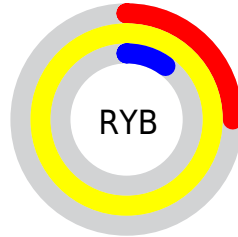
Distribution



Red (100%)

Green (87%)

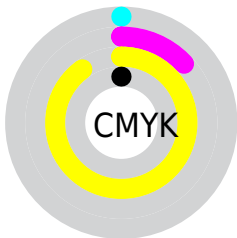
Blue (10%)



Red (25%)

Yellow (100%)

Blue (10%)

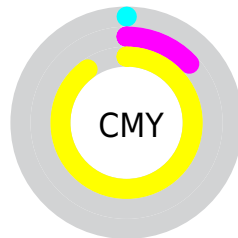


Cyan (0%)

Magenta (13%)

Yellow (90%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1099, 0.4414, 0.4824 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 74.1099, 0.4414, 0.4824 by changing the saturation by 10% instead.


 74.1099, 0.4414,
0.4824

 74.1099, 0.4414,
0.4824


474.8526, 0.3912,
0.4201

 54.8840, 0.4493,
0.4930


 125.0516, 0.4267,
0.4635

 39.3089, 0.4571,
0.5041


 157.5362, 0.4202,
0.4553

 27.0001, 0.4639,
0.5149


 195.2091, 0.4142,
0.4479

 17.5733, 0.4719,
0.5281

 238.4547, 0.4087,
0.4412

 10.6441, 0.4691,
0.5309

 287.6575, 0.4037,
0.4351

 5.8280, 0.4650,
0.5350

 343.2018, 0.3992,

 2.7408, 0.4585,

0.4296

0.5415

405.4720, 0.3950,
0.4246

■ 0.9980, 0.4465,
0.5535

■ 0.0000, 0.0000,
0.0000

■ 74.1099, 0.4414,
0.4824

■ 74.1099, 0.4414,
0.4824

■ 72.1571, 0.4468,
0.4834

■ 76.2053, 0.4334,
0.4773


■ 72.1201, 0.4468,
0.4834

■ 78.4608, 0.4226,
0.4676


■ 80.8979, 0.4093,
0.4536

■ 83.5315, 0.3940,
0.4360

 86.3747, 0.3776,
0.4159

 89.4394, 0.3607,
0.3942

 92.7363, 0.3439,
0.3720

 96.2753, 0.3277,
0.3499

99.9979, 0.3127,
0.3290

Harmonies

Analogous

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



74.1099, 0.5011, 0.4139



74.1099, 0.4414, 0.4824



74.1099, 0.3539, 0.5207

Triad

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



74.1099, 0.4414, 0.4824



74.1099, 0.1505, 0.2653



74.1099, 0.3424, 0.2245

Complementary

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



74.1099, 0.4414, 0.4824



10.4617, 0.1586, 0.0830

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.



74.1099, 0.2452, 0.1907



74.1099, 0.4414, 0.4824



74.1099, 0.1493, 0.2044

Square

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



74.1099, 0.4414, 0.4824



74.1099, 0.1872, 0.3703



74.1099, 0.1802, 0.1826



74.1099, 0.4459, 0.2785

Rectangle

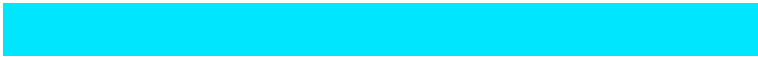
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1099, 0.4414, 0.4824



74.1099, 0.2910, 0.5047



74.1099, 0.1802, 0.1826



74.1099, 0.3073, 0.2107

Sweetspot

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



74.1135, 0.4414, 0.4824



90.3498, 0.3560, 0.3880



22.3261, 0.5963, 0.3138



19.1044, 0.3618, 0.3956



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.



74.1135, 0.4414, 0.4824



72.1271, 0.4468, 0.4834



80.6830, 0.3621, 0.5452



20.6326, 0.3273, 0.3493



37.8545, 0.4463, 0.4838



3.7995, 0.4428, 0.4866

Inverse Universe

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



10.4617, 0.1586, 0.0830



8.4582, 0.1525, 0.0691



11.0304, 0.1863, 0.0843



17.7867, 0.2979, 0.3079



4.5431, 0.1530, 0.0708



0.5606, 0.1575, 0.0870

Previews

White Background



This preview shows how the Yxy color 74.1099, 0.4414, 0.4824 looks on a white background.

Color Contrast Check

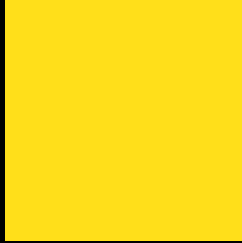
Large Text (above 18pt) WCAG AA × Fail

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 74.1099, 0.4414, 0.4824 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 74.1099, 0.4414, 0.4824

Background



This preview shows how black text looks on a background with the Yxy color 74.1099, 0.4414, 0.4824.



This preview shows how white text looks on a background with the Yxy color 74.1099, 0.4414, 0.4824.

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

74.1099, 0.4414, 0.4824

Protanopia

74.0813, 0.4384, 0.4848

Deuteranopia

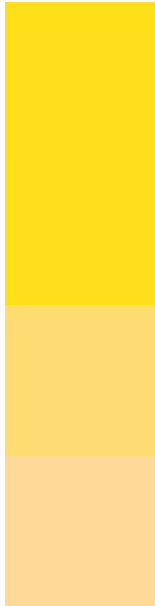
74.0831, 0.3790, 0.3845



Tritanopia

74.1762, 0.3370, 0.3190

Trichromacy



Original Color

74.1099, 0.4414, 0.4824

Protanomaly

74.2685, 0.4391, 0.4842

Deuteranomaly

73.6613, 0.4110, 0.4333

Tritanomaly

73.1201, 0.3885, 0.3966

Monochromacy



Original Color

74.1099, 0.4414, 0.4824

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

66.7528, 0.3718, 0.4094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1099, 0.4414, 0.4824 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(255, 223, 26)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 26)  
}
```

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(255, 223, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 26) }
```

Border

The CSS property to change the border of an element to Yxy 74.1099, 0.4414, 0.4824 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(255, 223, 26) }
```

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

```
.border{ border-color:rgb(255, 223, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 26);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1099, 0.4414, 0.4824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 26) }
```

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

```
.background{ background-color: rgb(255,  
223, 26) }
```

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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