

Converting Colors

$Yxy(74.0635, 0.4404, 0.4806)$

Have a look what the booklet for
Yxy(74.0635, 0.4404, 0.4806)
contains.

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Color

Yxy(74.1452, 0.4403, 0.4808)

Conversions

Conversions Part 1

Format	Color
Hex	FFDF21
RGB	255, 223, 33
RGB Percent	100%, 87%, 13%
CMY	0.0000, 0.1255, 0.8708
CMYK	0.00, 0.13, 0.87, 0.00
HSL	51°, 100%, 56%
HSV	51°, 87%, 100%
XYZ	67.8996, 74.1452, 12.1673
YIQ	210.9080, 80.0620, -52.3060

Conversions

Conversions Part 2

Format	Color
R _Y B	70, 255, 33
Decimal	16768801
CIE Lab	88.99, -5.58, 84.69
CIE LCh	89, 84.869, 93.767
Yxy	74.1452, 0.4403, 0.4808
Android (android.graphics.Color)	4294958881 (0xFFFFDF21)
YUV	210.9080, -87.7086, 38.6687
Hunter-Lab	86.1076, -9.9333, 51.8974

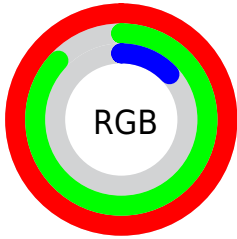
Details

The Yxy color **74.1452, 0.4403, 0.4808** 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 **11.3153, 0.1612, 0.0887**, and the grayscale version is **65.6269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7196, 0.3982, 0.4703**, and **39.3427, 0.4442, 0.4855** is the 20% darker color. If you saturate the color by 10%, you get **72.1140, 0.4463, 0.4826**, and if you desaturate by 10%, it is **76.3335, 0.4314, 0.4745**.

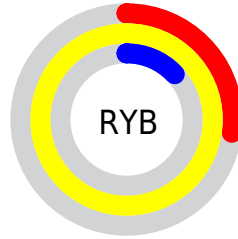
Distribution



Red (100%)

Green (87%)

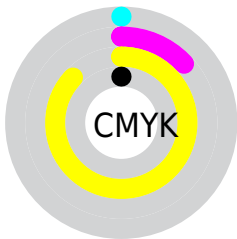
Blue (13%)



Red (27%)

Yellow (100%)

Blue (13%)

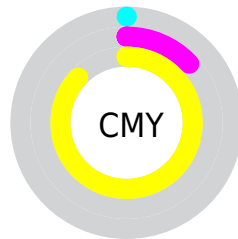


Cyan (0%)

Magenta (13%)

Yellow (87%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1452, 0.4403, 0.4808 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 74.1452, 0.4403, 0.4808 by changing the saturation by 10% instead.


 74.1452, 0.4403,
0.4808

 74.1452, 0.4403,
0.4808


474.9744, 0.3902,
0.4188

 54.9129, 0.4483,
0.4915

 125.1016, 0.4256,
0.4619


 39.3320, 0.4562,
0.5026


 157.5945, 0.4190,
0.4538

 27.0181, 0.4634,
0.5137


 195.2764, 0.4131,
0.4464

 17.5868, 0.4722,
0.5278

 238.5316, 0.4076,
0.4398

 10.6537, 0.4695,
0.5305

 287.7447, 0.4026,
0.4338

 5.8345, 0.4655,
0.5345

 343.2999, 0.3981,

 2.7447, 0.4591,

0.4283

0.5409

405.5816, 0.3940,
0.4234

■ 1.0000, 0.4475,
0.5525

■ 0.0000, 0.0000,
0.0000

■ 74.1452, 0.4403,
0.4808

■ 74.1452, 0.4403,
0.4808

■ 72.1140, 0.4463,
0.4826

■ 76.3335, 0.4314,
0.4745

■ 71.5381, 0.4478,
0.4826

■ 78.6897, 0.4197,
0.4636

■ 81.2343, 0.4056,
0.4486

■ 83.9817, 0.3899,
0.4303

86.9447, 0.3732,
0.4097

90.1348, 0.3562,
0.3879

93.5625, 0.3395,
0.3658

97.2376, 0.3235,
0.3439

99.9985, 0.3127,
0.3290

Harmonies

Analogous

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



74.1452, 0.4990, 0.4134



74.1452, 0.4403, 0.4808



74.1452, 0.3539, 0.5180

Triad

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



74.1452, 0.4403, 0.4808



74.1452, 0.1523, 0.2665



74.1452, 0.3420, 0.2257

Complementary

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



74.1452, 0.4403, 0.4808



11.3153, 0.1612, 0.0887

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.



74.1452, 0.2460, 0.1922



74.1452, 0.4403, 0.4808



74.1452, 0.1510, 0.2060

Square

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



74.1452, 0.4403, 0.4808



74.1452, 0.1889, 0.3699



74.1452, 0.1816, 0.1842



74.1452, 0.4440, 0.2792

Rectangle

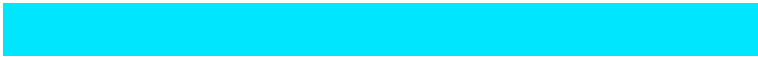
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1452, 0.4403, 0.4808



74.1452, 0.2917, 0.5019



74.1452, 0.1816, 0.1842



74.1452, 0.3074, 0.2119

Sweetspot

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



74.1488, 0.4403, 0.4808



90.4987, 0.3544, 0.3855



22.7400, 0.5872, 0.3122



19.1264, 0.3602, 0.3932



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.



74.1488, 0.4403, 0.4808



71.5432, 0.4478, 0.4826



81.0043, 0.3629, 0.5420



20.6184, 0.3273, 0.3492



37.5535, 0.4473, 0.4831



3.7731, 0.4436, 0.4860

Inverse Universe

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



11.3153, 0.1612, 0.0887



8.5264, 0.1527, 0.0696



11.6626, 0.1898, 0.0882



17.7997, 0.2979, 0.3080



4.5818, 0.1532, 0.0713



0.5667, 0.1577, 0.0878

Previews

White Background



This preview shows how the Yxy color 74.1452, 0.4403, 0.4808 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 74.1452, 0.4403, 0.4808 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 74.1452, 0.4403, 0.4808

Background



This preview shows how black text looks on a background with the Yxy color 74.1452, 0.4403, 0.4808.



This preview shows how white text looks on a background with the Yxy color 74.1452, 0.4403, 0.4808.

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

74.1452, 0.4403, 0.4808

Protanopia

74.1166, 0.4373, 0.4832

Deuteranopia

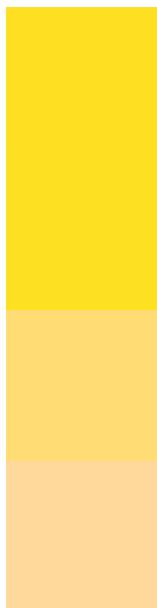
74.0831, 0.3790, 0.3845



Tritanopia

74.2303, 0.3362, 0.3180

Trichromacy



Original Color

74.1452, 0.4403, 0.4808

Protanomaly

74.3038, 0.4380, 0.4826

Deuteranomaly

73.7074, 0.4099, 0.4317

Tritanomaly

73.2523, 0.3857, 0.3926

Monochromacy



Original Color

74.1452, 0.4403, 0.4808

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

67.0071, 0.3705, 0.4059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1452, 0.4403, 0.4808 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, 33)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 33)  
}
```

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, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 33) }
```

Border

The CSS property to change the border of an element to Yxy 74.1452, 0.4403, 0.4808 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, 33) }
```

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

```
.border{ border-color:rgb(255, 223, 33) }
```

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, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 33);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
33) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1452, 0.4403, 0.4808 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, 33) }
```

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

```
.background{ background-color: rgb(255,  
223, 33) }
```

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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