

Converting Colors

Yxy(72.9414, 0.4433, 0.4810)

Have a look what the booklet for
Yxy(72.9414, 0.4433, 0.4810)
contains.

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Color

Yxy(73.0431, 0.4432, 0.4812)

Conversions

Conversions Part 1

Format	Color
Hex	FFDD19
RGB	255, 221, 25
RGB Percent	100%, 87%, 10%
CMY	0.0000, 0.1333, 0.9017
CMYK	0.00, 0.13, 0.90, 0.00
HSL	51°, 100%, 55%
HSV	51°, 90%, 100%
XYZ	67.2749, 73.0431, 11.4756
YIQ	208.8220, 83.1800, -53.7480

Conversions

Conversions Part 2

Format	Color
R _Y B	65, 255, 25
Decimal	16768281
CIE Lab	88.47, -4.70, 85.65
CIE LCh	88, 85.775, 93.140
Yxy	73.0431, 0.4432, 0.4812
Android (android.graphics.Color)	4294958361 (0xFFFFDD19)
YUV	208.8220, -90.6242, 40.4981
Hunter-Lab	85.4653, -9.0559, 51.8647

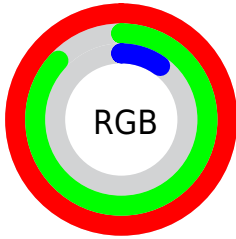
Details

The Yxy color **73.0431, 0.4432, 0.4812** 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 **10.5620, 0.1587, 0.0837**, and the grayscale version is **64.2060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6431, 0.3998, 0.4729**, and **38.6099, 0.4464, 0.4838** is the 20% darker color. If you saturate the color by 10%, you get **71.0389, 0.4487, 0.4820**, and if you desaturate by 10%, it is **75.2232, 0.4350, 0.4764**.

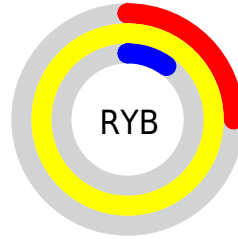
Distribution



Red (100%)

Green (87%)

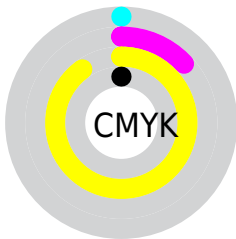
Blue (10%)



Red (25%)

Yellow (100%)

Blue (10%)

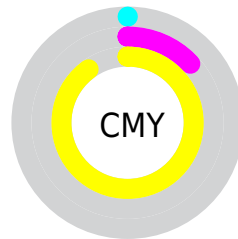


Cyan (0%)

Magenta (13%)

Yellow (90%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0431, 0.4432, 0.4812 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 73.0431, 0.4432, 0.4812 by changing the saturation by 10% instead.


 73.0431, 0.4432,
0.4812


 73.0431, 0.4432,
0.4812


471.1642, 0.3920,
0.4195


 54.0112, 0.4513,
0.4916


 123.5384, 0.4282,
0.4625


 38.6106, 0.4593,
0.5024


 155.7706, 0.4215,
0.4544


 26.4569, 0.4664,
0.5129


 193.1717, 0.4154,
0.4471

 17.1658, 0.4745,
0.5255

 236.1260, 0.4098,
0.4404

 10.3528, 0.4722,
0.5278

 285.0181, 0.4047,
0.4344

 5.6335, 0.4687,
0.5313

 340.2322, 0.4001,

 2.6235, 0.4633,

0.4290

0.5367

402.1527, 0.3959,
0.4240

■ 0.9385, 0.4527,
0.5473

■ 0.0000, 0.0000,
0.0000

■ 73.0431, 0.4432,
0.4812

■ 73.0431, 0.4432,
0.4812


■ 71.0389, 0.4487,
0.4820

■ 75.2232, 0.4350,
0.4764


■ 77.5692, 0.4240,
0.4670


■ 80.1009, 0.4105,
0.4532

■ 82.8336, 0.3951,
0.4358

 85.7803, 0.3785,
0.4159

 88.9530, 0.3615,
0.3945

 92.3625, 0.3446,
0.3724

 96.0188, 0.3283,
0.3505

99.9313, 0.3130,
0.3294

Harmonies

Analogous

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



73.0431, 0.5022, 0.4124



73.0431, 0.4432, 0.4812



73.0431, 0.3559, 0.5208

Triad

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



73.0431, 0.4432, 0.4812



73.0431, 0.1507, 0.2671



73.0431, 0.3401, 0.2234

Complementary

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



73.0431, 0.4432, 0.4812



10.5620, 0.1587, 0.0837

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.



73.0431, 0.2433, 0.1901



73.0431, 0.4432, 0.4812



73.0431, 0.1488, 0.2051

Square

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



73.0431, 0.4432, 0.4812



73.0431, 0.1883, 0.3730



73.0431, 0.1790, 0.1825



73.0431, 0.4441, 0.2771

Rectangle

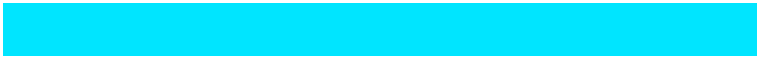
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0431, 0.4432, 0.4812



73.0431, 0.2929, 0.5062



73.0431, 0.1790, 0.1825



73.0431, 0.3051, 0.2097

Sweetspot

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



73.0450, 0.4432, 0.4812



90.0076, 0.3561, 0.3875



22.2797, 0.5975, 0.3140



19.0224, 0.3619, 0.3950



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.



73.0450, 0.4432, 0.4812



71.0389, 0.4487, 0.4820



80.6494, 0.3620, 0.5456



20.6060, 0.3273, 0.3491



37.2935, 0.4481, 0.4824



3.7502, 0.4443, 0.4854

Inverse Universe

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



10.5620, 0.1587, 0.0837



8.5873, 0.1528, 0.0700



10.9544, 0.1859, 0.0838



17.8110, 0.2979, 0.3081



4.6163, 0.1533, 0.0718



0.5719, 0.1579, 0.0885

Previews

White Background



This preview shows how the Yxy color 73.0431, 0.4432, 0.4812 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 73.0431, 0.4432, 0.4812 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 73.0431, 0.4432, 0.4812

Background



This preview shows how black text looks on a background with the Yxy color 73.0431, 0.4432, 0.4812.



This preview shows how white text looks on a background with the Yxy color 73.0431, 0.4432, 0.4812.

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

73.0431, 0.4432, 0.4812

Protanopia

73.1739, 0.4377, 0.4853

Deuteranopia

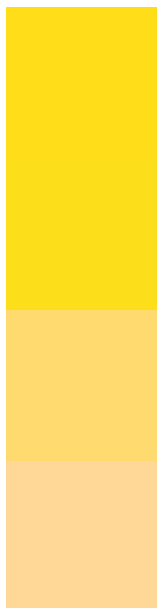
72.8749, 0.3833, 0.3876



Tritanopia

73.1225, 0.3380, 0.3180

Trichromacy



Original Color

73.0431, 0.4432, 0.4812

Protanomaly

73.0126, 0.4400, 0.4834

Deuteranomaly

72.5286, 0.4145, 0.4349

Tritanomaly

72.0629, 0.3901, 0.3957

Monochromacy



Original Color

73.0431, 0.4432, 0.4812

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.7102, 0.3732, 0.4085

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0431, 0.4432, 0.4812 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, 221, 25)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 25)  
}
```

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, 221, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 25) }
```

Border

The CSS property to change the border of an element to Yxy 73.0431, 0.4432, 0.4812 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, 221, 25) }
```

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

```
.border{ border-color:rgb(255, 221, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 25);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
25) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.0431, 0.4432, 0.4812$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 25) }
```

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

```
.background{ background-color: rgb(255,  
221, 25) }
```

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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