

Converting Colors

$Yxy(73.8362, 0.4229, 0.5006)$

Have a look what the booklet for
Yxy(73.8362, 0.4229, 0.5006)
contains.

Yxy(73.7250, 0.4231, 0.5004)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.7250, 0.4231, 0.5004)

Conversions

Conversions Part 1

Format	Color
Hex	EBE50B
RGB	235, 229, 11
RGB Percent	92%, 90%, 4%
CMY	0.0785, 0.1019, 0.9555
CMYK	0.00, 0.03, 0.95, 0.08
HSL	58°, 91%, 48%
HSV	58°, 95%, 92%
XYZ	62.3362, 73.7250, 11.2709
YIQ	205.9420, 73.5540, -66.5260

Conversions

Conversions Part 2

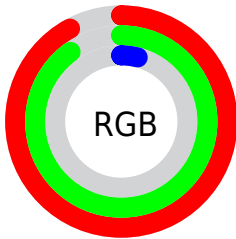
Format	Color
RYB	17, 235, 11
Decimal	15459595
CIELab	88.79, -17.28, 86.77
CIELCh	89, 88.473, 101.261
Yxy	73.7250, 0.4231, 0.5004
Android (android.graphics.Color)	4293649675 (0xFFEBE50B)
YUV	205.9420, -96.1064, 25.4839
Hunter-Lab	85.8633, -20.6708, 52.3215

Details

The Yxy color **73.7250, 0.4231, 0.5004** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **6.4804, 0.1521, 0.0643**, and the grayscale version is **62.2992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5703, 0.4013, 0.4755**, and **39.2708, 0.4193, 0.5053** is the 20% darker color. If you saturate the color by 10%, you get **73.5364, 0.4241, 0.5015**, and if you desaturate by 10%, it is **74.1712, 0.4197, 0.4961**.

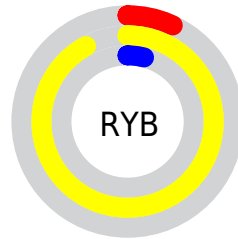
Distribution



Red (92%)

Green (90%)

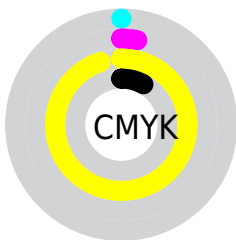
Blue (4%)



Red (7%)

Yellow (92%)

Blue (4%)

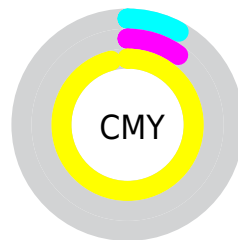


Cyan (0%)

Magenta (3%)

Yellow (95%)

Black (8%)



Cyan (8%)


Magenta (10%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7250, 0.4231, 0.5004 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 73.7250, 0.4231, 0.5004 by changing the saturation by 10% instead.


 73.7250, 0.4231,
0.5004


 73.7250, 0.4231,
0.5004


473.5237, 0.3821,
0.4279


 54.5690, 0.4288,
0.5135

 124.5059, 0.4117,
0.4778

 39.0567, 0.4337,
0.5277


 156.8996, 0.4064,
0.4681


 26.8039, 0.4370,
0.5424

 194.4746, 0.4015,
0.4595

 17.4260, 0.4397,
0.5603

 237.6154, 0.3969,
0.4518

 10.5387, 0.4308,
0.5692

 286.7063, 0.3928,
0.4449

 5.7575, 0.4177,
0.5823

 342.1317, 0.3889,

 2.6982, 0.3970,

0.4387

0.6030

404.2760, 0.3854,
0.4330

■ 0.9763, 0.3402,
0.6598

■ 0.0000, 0.0000,
0.0000

■ 73.7250, 0.4231,
0.5004

■ 73.7250, 0.4231,
0.5004

■ 73.5364, 0.4241,
0.5015

■ 74.1712, 0.4197,
0.4961

■ 74.7083, 0.4137,
0.4876

■ 75.3559, 0.4051,
0.4746

■ 76.1271, 0.3940,
0.4576

■ 77.0331, 0.3809,
0.4373

■ 78.0840, 0.3664,
0.4145

■ 79.2888, 0.3511,
0.3903

■ 80.6557, 0.3356,
0.3657

■ 82.1926, 0.3204,
0.3413

Harmonies

Analogous

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



73.7250, 0.4943, 0.4330



73.7250, 0.4231, 0.5004



73.7250, 0.3299, 0.5257

Triad

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



73.7250, 0.4231, 0.5004



73.7250, 0.1434, 0.2433



73.7250, 0.3707, 0.2341

Complementary

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



73.7250, 0.4231, 0.5004



6.4804, 0.1521, 0.0643

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.



73.7250, 0.2654, 0.1939



73.7250, 0.4231, 0.5004



73.7250, 0.1505, 0.1924

Square

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



73.7250, 0.4231, 0.5004



73.7250, 0.1709, 0.3409



73.7250, 0.1901, 0.1787



73.7250, 0.4714, 0.2928

Rectangle

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



73.7250, 0.4231, 0.5004



73.7250, 0.2665, 0.4934



73.7250, 0.1901, 0.1787



73.7250, 0.3337, 0.2182

Sweetspot

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



73.7285, 0.4231, 0.5004



94.8667, 0.3572, 0.4000



17.9514, 0.6306, 0.3282



20.1743, 0.3637, 0.4103



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.



73.7285, 0.4231, 0.5004



88.5187, 0.4241, 0.5014



64.2216, 0.3428, 0.5636



17.5540, 0.3269, 0.3517



40.9680, 0.4240, 0.5015



3.2388, 0.4233, 0.5021

Inverse Universe

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



6.4804, 0.1521, 0.0643



7.3676, 0.1503, 0.0611



9.9365, 0.1997, 0.0891



14.6132, 0.2980, 0.3053



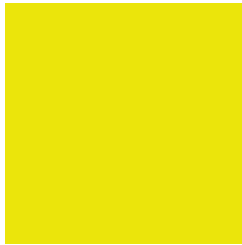
3.4430, 0.1505, 0.0617



0.2931, 0.1518, 0.0663

Previews

White Background



This preview shows how the Yxy color 73.7250, 0.4231, 0.5004 looks on a white background.

Color Contrast Check

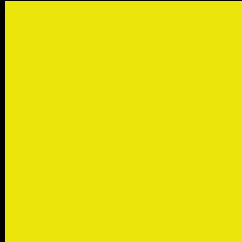
Large Text (above 18pt) WCAG AA × Fail

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 73.7250, 0.4231, 0.5004 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 73.7250, 0.4231, 0.5004

Background



This preview shows how black text looks on a background with the Yxy color 73.7250, 0.4231, 0.5004.

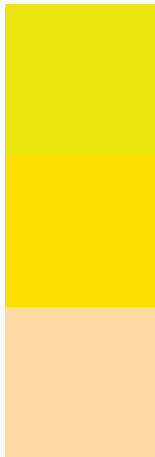


This preview shows how white text looks on a background with the Yxy color 73.7250, 0.4231, 0.5004.

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

73.7250, 0.4231, 0.5004

Protanopia

73.2933, 0.4405, 0.4878

Deuteranopia

73.4589, 0.3815, 0.3866



Tritanopia

73.5696, 0.3289, 0.3128

Trichromacy



Original Color

73.7250, 0.4231, 0.5004

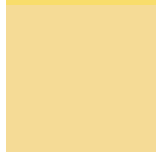
Protanomaly

73.2782, 0.4342, 0.4923



Deuteranomaly

72.7309, 0.4090, 0.4425



Tritanomaly

72.2775, 0.3806, 0.4016

Monochromacy



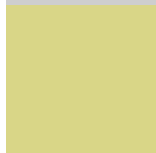
Original Color

73.7250, 0.4231, 0.5004



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

64.5941, 0.3703, 0.4194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7250, 0.4231, 0.5004 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(235, 229, 11)` looks like.

```
.text, #text, p{  
    color:rgb(235, 229, 11)  
}
```

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(235, 229, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 229, 11) }
```

Border

The CSS property to change the border of an element to Yxy 73.7250, 0.4231, 0.5004 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(235, 229, 11) }
```

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

```
.border{ border-color:rgb(235, 229, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 229, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 229, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 229, 11);  
box-shadow:4px 4px 4px 4px rgb(235, 229,  
11) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7250, 0.4231, 0.5004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 229, 11) }
```

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

```
.background{ background-color: rgb(235,  
229, 11) }
```

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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