

Converting Colors

$Yxy(71.1243, 0.4207, 0.5008)$

Have a look what the booklet for
Yxy(71.1243, 0.4207, 0.5008)
contains.

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Color

Yxy(71.0944, 0.4202, 0.5011)

Conversions

Conversions Part 1

Format	Color
Hex	E5E212
RGB	229, 226, 18
RGB Percent	90%, 89%, 7%
CMY	0.1020, 0.1137, 0.9282
CMYK	0.00, 0.01, 0.92, 0.10
HSL	59°, 85%, 48%
HSV	59°, 92%, 90%
XYZ	59.6166, 71.0944, 11.1657
YIQ	203.1850, 68.5560, -64.0520

Conversions

Conversions Part 2

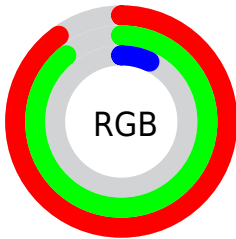
Format	Color
R_{YB}	21, 229, 18
Decimal	15065618
CIE _{Lab}	87.53, -18.25, 84.89
CIE _{LCh}	88, 86.828, 102.134
Yxy	71.0944, 0.4202, 0.5011
Android (android.graphics.Color)	4293255698 (0xFFE5E212)
YUV	203.1850, -91.2962, 22.6398
Hunter-Lab	84.3175, -21.3474, 51.1708

Details

The Yxy color **71.0944, 0.4202, 0.5011** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **6.3350, 0.1535, 0.0663**, and the grayscale version is **60.4197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6062, 0.4005, 0.4742**, and **37.5608, 0.4173, 0.5069** is the 20% darker color. If you saturate the color by 10%, you get **70.9125, 0.4218, 0.5033**, and if you desaturate by 10%, it is **71.3905, 0.4163, 0.4953**.

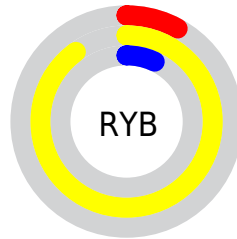
Distribution



Red (90%)

Green (89%)

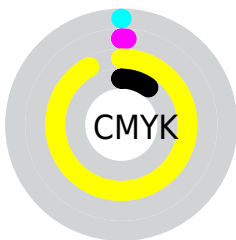
Blue (7%)



Red (8%)

Yellow (90%)

Blue (7%)

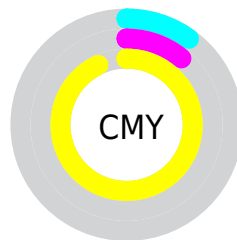


Cyan (0%)

Magenta (1%)

Yellow (92%)

Black (10%)



Cyan (10%)


Magenta (11%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0944, 0.4202, 0.5011 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 71.0944, 0.4202, 0.5011 by changing the saturation by 10% instead.


 71.0944, 0.4202,
0.5011


 71.0944, 0.4202,
0.5011


464.3834, 0.3800,
0.4272

 52.4192, 0.4257,
0.5147


 120.7681, 0.4090,
0.4778

 37.3394, 0.4306,
0.5295


 152.5355, 0.4038,
0.4680


 25.4703, 0.4336,
0.5450


 189.4357, 0.3990,
0.4592

 16.4278, 0.4359,
0.5641

 231.8532, 0.3945,
0.4514

 9.8274, 0.4260,
0.5740

 280.1723, 0.3904,
0.4444

 5.2847, 0.4115,
0.5885


 334.7774, 0.3866,

 2.4152, 0.3880,


0.4381


0.6120


396.0530, 0.3832,
0.4324


 0.8337, 0.2938,
0.7062


 0.0000, 0.0000,
0.0000


 71.0944, 0.4202,
0.5011


 71.0944, 0.4202,
0.5011

 70.9125, 0.4218,
0.5033

 71.3905, 0.4163,
0.4953

 71.7766, 0.4098,
0.4853

 72.2701, 0.4006,
0.4708

 72.8825, 0.3891,
0.4526

■ 73.6241, 0.3758,
0.4312

■ 74.5039, 0.3612,
0.4077

■ 75.5301, 0.3460,
0.3831

■ 76.7104, 0.3307,
0.3582

■ 78.0519, 0.3156,
0.3338

Harmonies

Analogous

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



71.0944, 0.4918, 0.4348



71.0944, 0.4202, 0.5011



71.0944, 0.3272, 0.5238

Triad

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



71.0944, 0.4202, 0.5011



71.0944, 0.1440, 0.2418



71.0944, 0.3736, 0.2361

Complementary

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



71.0944, 0.4202, 0.5011



6.3350, 0.1535, 0.0663

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.



71.0944, 0.2684, 0.1954



71.0944, 0.4202, 0.5011



71.0944, 0.1520, 0.1923

Square

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



71.0944, 0.4202, 0.5011



71.0944, 0.1703, 0.3375



71.0944, 0.1924, 0.1795



71.0944, 0.4727, 0.2949

Rectangle

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



71.0944, 0.4202, 0.5011



71.0944, 0.2642, 0.4898



71.0944, 0.1924, 0.1795



71.0944, 0.3368, 0.2201

Sweetspot

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



71.0977, 0.4202, 0.5011



95.5828, 0.3554, 0.3983



17.1554, 0.6263, 0.3289



20.3429, 0.3620, 0.4089



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.



71.0977, 0.4202, 0.5011



90.5057, 0.4218, 0.5033



60.5980, 0.3422, 0.5619



16.7804, 0.3268, 0.3519



40.5676, 0.4218, 0.5033



3.0091, 0.4214, 0.5036

Inverse Universe

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



6.3350, 0.1535, 0.0663



7.2981, 0.1502, 0.0606



10.1023, 0.2065, 0.0943



13.9196, 0.2980, 0.3050



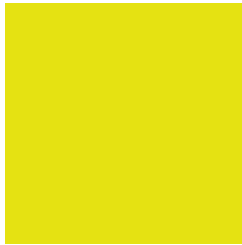
3.2892, 0.1503, 0.0609



0.2546, 0.1510, 0.0635

Previews

White Background



This preview shows how the Yxy color 71.0944, 0.4202, 0.5011 looks on a white background.

Color Contrast Check

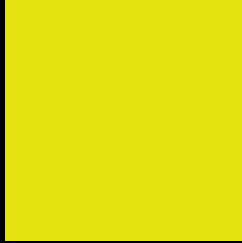
Large Text (above 18pt) WCAG AA × Fail

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 71.0944, 0.4202, 0.5011 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 71.0944, 0.4202, 0.5011

Background



This preview shows how black text looks on a background with the Yxy color 71.0944, 0.4202, 0.5011.



This preview shows how white text looks on a background with the Yxy color 71.0944, 0.4202, 0.5011.

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

71.0944, 0.4202, 0.5011

Protanopia

70.9950, 0.4392, 0.4869

Deuteranopia

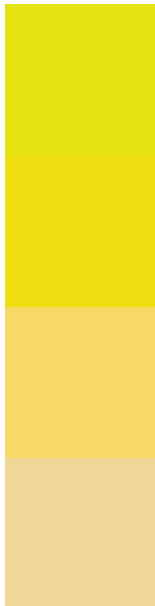
70.9866, 0.3924, 0.3957



Tritanopia

70.8723, 0.3262, 0.3115

Trichromacy



Original Color

71.0944, 0.4202, 0.5011

Protanomaly

70.8052, 0.4321, 0.4923

Deuteranomaly

70.6752, 0.4125, 0.4456

Tritanomaly

69.6968, 0.3763, 0.3989

Monochromacy



Original Color

71.0944, 0.4202, 0.5011

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

62.3632, 0.3667, 0.4166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0944, 0.4202, 0.5011 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(229, 226, 18)` looks like.

```
.text, #text, p{  
    color:rgb(229, 226, 18)  
}
```

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(229, 226, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 226, 18) }
```

Border

The CSS property to change the border of an element to Yxy 71.0944, 0.4202, 0.5011 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(229, 226, 18) }
```

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

```
.border{ border-color:rgb(229, 226, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 226, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 226, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 226, 18);  
box-shadow:4px 4px 4px 4px rgb(229, 226,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0944, 0.4202, 0.5011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 226, 18) }
```

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

```
.background{ background-color: rgb(229,  
226, 18) }
```

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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