

Converting Colors

$Y_{xy}(71.5768, 0.4275, 0.4926)$

Have a look what the booklet for
Yxy(71.5768, 0.4275, 0.4926)
contains.

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Color

Yxy(71.5723, 0.4275, 0.4925)

Conversions

Conversions Part 1

Format	Color
Hex	EEE01C
RGB	238, 224, 28
RGB Percent	93%, 88%, 11%
CMY	0.0666, 0.1216, 0.8910
CMYK	0.00, 0.06, 0.88, 0.07
HSL	56°, 86%, 52%
HSV	56°, 88%, 93%
XYZ	62.1262, 71.5723, 11.6260
YIQ	205.8420, 71.2600, -57.9880

Conversions

Conversions Part 2

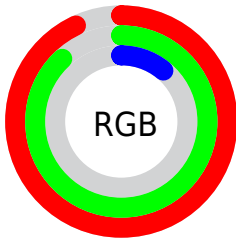
Format	Color
R _Y B	43, 238, 28
Decimal	15654940
CIE Lab	87.76, -13.33, 84.02
CIE LCh	88, 85.068, 99.012
Yxy	71.5723, 0.4275, 0.4925
Android (android.graphics.Color)	4293845020 (0xFFEEE01C)
YUV	205.8420, -87.6761, 28.2026
Hunter-Lab	84.6004, -16.9695, 51.0725

Details

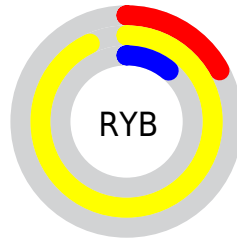
The Yxy color **71.5723, 0.4275, 0.4925** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **8.0605, 0.1573, 0.0758**, and the grayscale version is **62.1419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6809, 0.3990, 0.4716**, and **37.7230, 0.4274, 0.4988** is the 20% darker color. If you saturate the color by 10%, you get **70.6530, 0.4312, 0.4952**, and if you desaturate by 10%, it is **72.5937, 0.4213, 0.4857**.

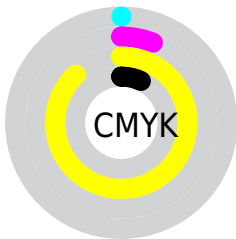
Distribution



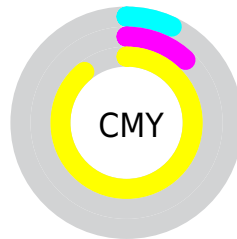
- Red (93%)
- Green (88%)
- Blue (11%)



- Red (17%)
- Yellow (93%)
- Blue (11%)



- Cyan (0%)
- Magenta (6%)
- Yellow (88%)
- Black (7%)




- Cyan (7%)
- Magenta (12%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5723, 0.4275, 0.4925 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 71.5723, 0.4275, 0.4925 by changing the saturation by 10% instead.

 71.5723, 0.4275,
0.4925


 71.5723, 0.4275,
0.4925


466.0516, 0.3834,
0.4233


 52.8094, 0.4341,
0.5050


 121.4483, 0.4149,
0.4709

 37.6506, 0.4402,
0.5185


 153.3301, 0.4091,
0.4617


 25.7116, 0.4450,
0.5324


 190.3536, 0.4038,
0.4535

 16.6080, 0.4502,
0.5498

 232.9034, 0.3990,
0.4462

 9.9554, 0.4431,
0.5569

 281.3636, 0.3946,
0.4396

 5.3694, 0.4328,
0.5672

 336.1188, 0.3905,

 2.4656, 0.4161,

0.4336

0.5839

397.5533, 0.3868,
0.4282

0.8593, 0.3638,
0.6362

0.0000, 0.0000,
0.0000

71.5723, 0.4275,
0.4925

71.5723, 0.4275,
0.4925

70.6530, 0.4312,
0.4952


72.5937, 0.4213,
0.4857

70.5023, 0.4317,
0.4955


73.7274, 0.4123,
0.4745


74.9911, 0.4009,
0.4591


76.3971, 0.3873,
0.4401

 77.9560, 0.3724,
0.4186

 79.6774, 0.3567,
0.3955

 81.5702, 0.3408,
0.3717

 83.6426, 0.3252,
0.3481

 85.9020, 0.3103,
0.3252

Harmonies

Analogous

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



71.5723, 0.4938, 0.4264



71.5723, 0.4275, 0.4925



71.5723, 0.3374, 0.5205

Triad

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



71.5723, 0.4275, 0.4925



71.5723, 0.1479, 0.2515



71.5723, 0.3612, 0.2327

Complementary

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



71.5723, 0.4275, 0.4925



8.0605, 0.1573, 0.0758

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.



71.5723, 0.2601, 0.1949



71.5723, 0.4275, 0.4925



71.5723, 0.1524, 0.1981

Square

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



71.5723, 0.4275, 0.4925



71.5723, 0.1780, 0.3497



71.5723, 0.1889, 0.1820



71.5723, 0.4609, 0.2893

Rectangle

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



71.5723, 0.4275, 0.4925



71.5723, 0.2750, 0.4935



71.5723, 0.1889, 0.1820



71.5723, 0.3254, 0.2176

Sweetspot

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



71.5757, 0.4275, 0.4925



93.6547, 0.3532, 0.3902



19.1663, 0.6093, 0.3236



19.8881, 0.3587, 0.3984



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.



71.5757, 0.4275, 0.4925



82.4138, 0.4317, 0.4954



67.4344, 0.3506, 0.5524



18.2681, 0.3270, 0.3508



39.4053, 0.4315, 0.4956



3.3320, 0.4297, 0.4970

Inverse Universe

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



8.0605, 0.1573, 0.0758



7.6206, 0.1508, 0.0630



10.9095, 0.2019, 0.0940



15.3978, 0.2979, 0.3062



3.7126, 0.1512, 0.0642



0.3677, 0.1541, 0.0749

Previews

White Background



This preview shows how the Yxy color 71.5723, 0.4275, 0.4925 looks on a white background.

Color Contrast Check

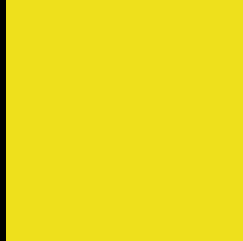
Large Text (above 18pt) WCAG AA × Fail

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 71.5723, 0.4275, 0.4925 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 71.5723, 0.4275, 0.4925

Background



This preview shows how black text looks on a background with the Yxy color 71.5723, 0.4275, 0.4925.



This preview shows how white text looks on a background with the Yxy color 71.5723, 0.4275, 0.4925.

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

71.5723, 0.4275, 0.4925

Protanopia

71.7485, 0.4376, 0.4848

Deuteranopia

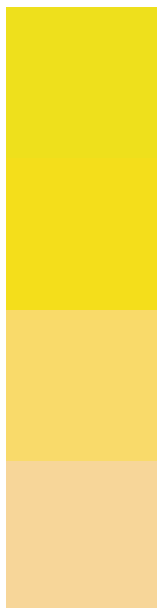
71.5875, 0.3898, 0.3937



Tritanopia

71.2434, 0.3339, 0.3118

Trichromacy



Original Color

71.5723, 0.4275, 0.4925

Protanomaly

71.5548, 0.4338, 0.4878

Deuteranomaly

71.3232, 0.4121, 0.4404

Tritanomaly

70.1672, 0.3820, 0.3933

Monochromacy



Original Color

71.5723, 0.4275, 0.4925

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

64.4170, 0.3674, 0.4115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5723, 0.4275, 0.4925 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(238, 224, 28)` looks like.

```
.text, #text, p{  
    color:rgb(238, 224, 28)  
}
```

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(238, 224, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 224, 28) }
```

Border

The CSS property to change the border of an element to Yxy 71.5723, 0.4275, 0.4925 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(238, 224, 28) }
```

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

```
.border{ border-color:rgb(238, 224, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 224, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 224, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 224, 28);  
box-shadow:4px 4px 4px 4px rgb(238, 224,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5723, 0.4275, 0.4925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 224, 28) }
```

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

```
.background{ background-color: rgb(238,  
224, 28) }
```

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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