

Converting Colors

Yxy(57.9942, 0.4312, 0.4766)

Have a look what the booklet for
Yxy(57.9942, 0.4312, 0.4766)
contains.

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Color

Yxy(57.9942, 0.4312, 0.4766)

Conversions

Conversions Part 1

Format	Color
Hex	E1C930
RGB	225, 201, 48
RGB Percent	88%, 79%, 19%
CMY	0.1177, 0.2117, 0.8119
CMYK	0.00, 0.11, 0.79, 0.12
HSL	52°, 75%, 54%
HSV	52°, 79%, 88%
XYZ	52.4698, 57.9942, 11.2192
YIQ	190.7340, 63.4170, -42.4950

Conversions

Conversions Part 2

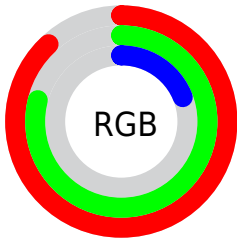
Format	Color
RYB	76, 225, 48
Decimal	14797104
CIELab	80.74, -6.80, 73.02
CIELCh	81, 73.338, 95.318
Yxy	57.9942, 0.4312, 0.4766
Android (android.graphics.Color)	4292987184 (0xFFE1C930)
YUV	190.7340, -70.3679, 30.0513
Hunter-Lab	76.1539, -10.2835, 44.5730

Details

The Yxy color **57.9942, 0.4312, 0.4766** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **10.6905, 0.1709, 0.1067**, and the grayscale version is **52.3246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8415, 0.3957, 0.4661**, and **28.8668, 0.4397, 0.4891** is the 20% darker color. If you saturate the color by 10%, you get **56.4487, 0.4395, 0.4825**, and if you desaturate by 10%, it is **59.6675, 0.4201, 0.4662**.

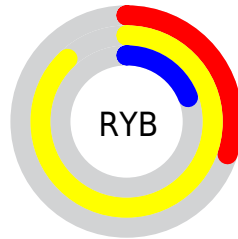
Distribution



Red (88%)

Green (79%)

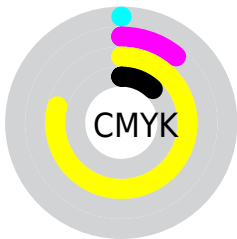
Blue (19%)



Red (30%)

Yellow (88%)

Blue (19%)

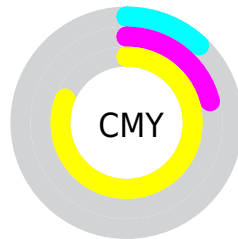


Cyan (0%)

Magenta (11%)

Yellow (79%)

Black (12%)



Cyan (12%)


Magenta (21%)

Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9942, 0.4312, 0.4766 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 57.9942, 0.4312, 0.4766 by changing the saturation by 10% instead.


 57.9942, 0.4312,
0.4766

 57.9942, 0.4312,
0.4766


417.1643, 0.3813,
0.4115


 41.8040, 0.4398,
0.4889


 101.9144, 0.4159,
0.4558


 28.9478, 0.4486,
0.5023


 130.4132, 0.4093,
0.4471

 19.0414, 0.4565,
0.5161


 163.7836, 0.4033,
0.4394

 11.7002, 0.4662,
0.5338

 202.4101, 0.3980,
0.4325

 6.5399, 0.4616,
0.5384

 246.6770, 0.3932,
0.4264

 3.1760, 0.4545,
0.5455

296.9688, 0.3888,

 1.2243, 0.4420,

0.4209

0.5580

353.6697, 0.3849,
0.4160

■ 0.0814, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9942, 0.4312,
0.4766

■ 57.9942, 0.4312,
0.4766

■ 56.4487, 0.4395,
0.4825

■ 59.6675, 0.4201,
0.4662

■ 55.0037, 0.4451,
0.4842

■ 61.4730, 0.4067,
0.4516

■ 54.8182, 0.4457,
0.4843

■ 63.4242, 0.3915,
0.4336

■ 65.5307, 0.3751,
0.4133

67.8010, 0.3584,
0.3916

70.2430, 0.3418,
0.3694

72.8639, 0.3259,
0.3475

75.6704, 0.3108,
0.3263

78.6690, 0.2968,
0.3062

Harmonies

Analogous

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



57.9942, 0.4875, 0.4147



57.9942, 0.4312, 0.4766



57.9942, 0.3487, 0.5061

Triad

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



57.9942, 0.4312, 0.4766



57.9942, 0.1594, 0.2670



57.9942, 0.3458, 0.2332

Complementary

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



57.9942, 0.4312, 0.4766



10.6905, 0.1709, 0.1067

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.



57.9942, 0.2541, 0.1999



57.9942, 0.4312, 0.4766



57.9942, 0.1595, 0.2109

Square

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



57.9942, 0.4312, 0.4766



57.9942, 0.1932, 0.3622



57.9942, 0.1906, 0.1911



57.9942, 0.4402, 0.2854

Rectangle

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



57.9942, 0.4312, 0.4766



57.9942, 0.2896, 0.4869



57.9942, 0.1906, 0.1911



57.9942, 0.3131, 0.2196

Sweetspot

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



57.9970, 0.4312, 0.4766



91.4891, 0.3509, 0.3816



18.6183, 0.5525, 0.3083



19.3374, 0.3569, 0.3895



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.



57.9970, 0.4312, 0.4766



73.8160, 0.4430, 0.4839



61.8510, 0.3641, 0.5291



15.6962, 0.3271, 0.3491



31.7166, 0.4453, 0.4847



2.2872, 0.4407, 0.4883

Inverse Universe

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



10.6905, 0.1709, 0.1067



9.4198, 0.1555, 0.0759



10.8559, 0.2023, 0.1042



13.5412, 0.2981, 0.3081



3.7793, 0.1531, 0.0709



0.3596, 0.1593, 0.0933

Previews

White Background



This preview shows how the Yxy color 57.9942, 0.4312, 0.4766 looks on a white background.

Color Contrast Check

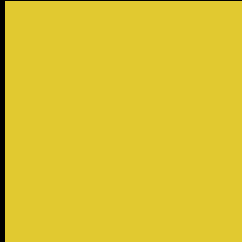
Large Text (above 18pt) WCAG AA × Fail

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 57.9942, 0.4312, 0.4766 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 57.9942, 0.4312, 0.4766

Background



This preview shows how black text looks on a background with the Yxy color 57.9942, 0.4312, 0.4766.



This preview shows how white text looks on a background with the Yxy color 57.9942, 0.4312, 0.4766.

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

57.9942, 0.4312, 0.4766

Protanopia

57.9942, 0.4312, 0.4766

Deuteranopia

57.7794, 0.4611, 0.4501



Tritanopia

57.6378, 0.3419, 0.3127

Trichromacy



Original Color

57.9942, 0.4312, 0.4766

Protanomaly

57.9942, 0.4312, 0.4766

Deuteranomaly

57.6998, 0.4503, 0.4598

Tritanomaly

56.9304, 0.3836, 0.3810

Monochromacy



Original Color

57.9942, 0.4312, 0.4766

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.5908, 0.3626, 0.3982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9942, 0.4312, 0.4766 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(225, 201, 48)` looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 48)  
}
```

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(225, 201, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 48) }
```

Border

The CSS property to change the border of an element to Yxy 57.9942, 0.4312, 0.4766 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(225, 201, 48) }
```

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

```
.border{ border-color:rgb(225, 201, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 201, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 201, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 201, 48);  
box-shadow:4px 4px 4px 4px rgb(225, 201,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9942, 0.4312, 0.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 48) }
```

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

```
.background{ background-color: rgb(225,  
201, 48) }
```

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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