

Converting Colors

Yxy(63.5864, 0.4197, 0.4764)

Have a look what the booklet for
Yxy(63.5864, 0.4197, 0.4764)
contains.

Yxy(63.7657, 0.4193, 0.4767)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.7657, 0.4193, 0.4767)

Conversions

Conversions Part 1

Format	Color
Hex	E3D43E
RGB	227, 212, 62
RGB Percent	89%, 83%, 24%
CMY	0.1099, 0.1686, 0.7568
CMYK	0.00, 0.07, 0.73, 0.11
HSL	55°, 75%, 57%
HSV	55°, 73%, 89%
XYZ	56.0876, 63.7657, 13.9115
YIQ	199.3850, 57.0900, -43.4700

Conversions

Conversions Part 2

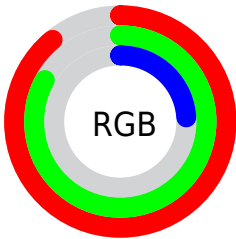
Format	Color
RYB	79, 227, 62
Decimal	14931006
CIELab	83.84, -10.98, 71.41
CIELCh	84, 72.250, 98.738
Yxy	63.7657, 0.4193, 0.4767
Android (android.graphics.Color)	4293121086 (0xFFE3D43E)
YUV	199.3850, -67.7308, 24.2184
Hunter-Lab	79.8534, -14.3683, 45.5683

Details

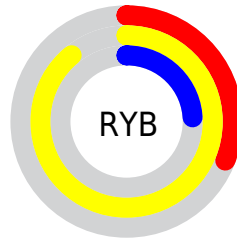
The Yxy color **63.7657, 0.4193, 0.4767** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **11.8762, 0.1773, 0.1138**, and the grayscale version is **57.7604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1119, 0.3903, 0.4572**, and **32.7786, 0.4300, 0.4968** is the 20% darker color. If you saturate the color by 10%, you get **62.5460, 0.4278, 0.4858**, and if you desaturate by 10%, it is **65.1086, 0.4081, 0.4632**.

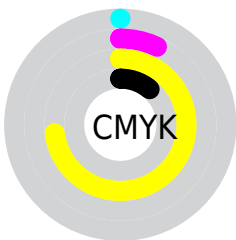
Distribution



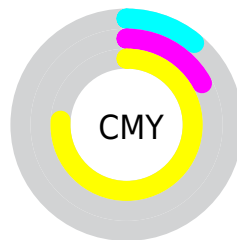
- Red (89%)
- Green (83%)
- Blue (24%)



- Red (31%)
- Yellow (89%)
- Blue (24%)



- Cyan (0%)
- Magenta (7%)
- Yellow (73%)
- Black (11%)




- Cyan (11%)
- Magenta (17%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7657, 0.4193, 0.4767 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 63.7657, 0.4193, 0.4767 by changing the saturation by 10% instead.

 63.7657, 0.4193,
0.4767


 63.7657, 0.4193,
0.4767

438.3431, 0.3751,
0.4110

 46.4609, 0.4269,
0.4896

 110.2734, 0.4058,
0.4553

 32.6097, 0.4347,
0.5041


 140.2452, 0.3999,
0.4465

 21.8276, 0.4420,
0.5198


 175.2081, 0.3947,
0.4388

 13.7303, 0.4496,
0.5389

 215.5465, 0.3899,
0.4319

 7.9333, 0.4482,
0.5518

 261.6448, 0.3857,
0.4258

 4.0523, 0.4381,
0.5619

313.8874, 0.3818,

 1.7029, 0.4211,

0.4203

0.5789

372.6587, 0.3783,
0.4154

0.4255, 0.2429,
0.7571

0.0000, 0.0000,
0.0000

63.7657, 0.4193,
0.4767

63.7657, 0.4193,
0.4767

62.5460, 0.4278,
0.4858

65.1086, 0.4081,
0.4632

61.4264, 0.4336,
0.4905


66.5772, 0.3948,
0.4460


60.6554, 0.4364,
0.4917


68.1845, 0.3799,
0.4258

69.9396, 0.3640,
0.4037

 71.8507, 0.3479,
0.3807

 73.9252, 0.3320,
0.3575

 76.1701, 0.3167,
0.3349

 78.5921, 0.3022,
0.3133

 80.4476, 0.2954,
0.3040

Harmonies

Analogous

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



63.7657, 0.4767, 0.4201



63.7657, 0.4193, 0.4767



63.7657, 0.3385, 0.4969

Triad

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



63.7657, 0.4193, 0.4767



63.7657, 0.1635, 0.2621



63.7657, 0.3555, 0.2418

Complementary

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



63.7657, 0.4193, 0.4767



11.8762, 0.1773, 0.1138

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.



63.7657, 0.2656, 0.2071



63.7657, 0.4193, 0.4767



63.7657, 0.1668, 0.2119

Square

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



63.7657, 0.4193, 0.4767



63.7657, 0.1927, 0.3494



63.7657, 0.2006, 0.1957



63.7657, 0.4431, 0.2941

Rectangle

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



63.7657, 0.4193, 0.4767



63.7657, 0.2819, 0.4721



63.7657, 0.2006, 0.1957



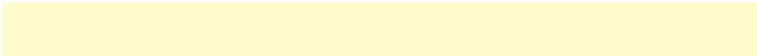
63.7657, 0.3239, 0.2279

Sweetspot

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



63.7687, 0.4193, 0.4767



93.6937, 0.3470, 0.3794



20.3328, 0.5392, 0.3151



19.9039, 0.3514, 0.3858



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.



63.7687, 0.4193, 0.4767



80.7120, 0.4310, 0.4886



62.8525, 0.3577, 0.5224



16.5817, 0.3270, 0.3502



35.4715, 0.4361, 0.4919



2.6870, 0.4334, 0.4941

Inverse Universe

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



11.8762, 0.1773, 0.1138



10.1178, 0.1590, 0.0806



13.5821, 0.2185, 0.1212



14.0963, 0.2980, 0.3069



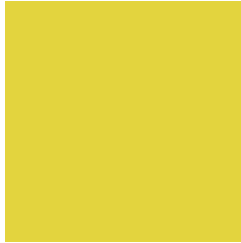
3.6109, 0.1517, 0.0662



0.3395, 0.1561, 0.0818

Previews

White Background



This preview shows how the Yxy color 63.7657, 0.4193, 0.4767 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 63.7657, 0.4193, 0.4767 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 63.7657, 0.4193, 0.4767

Background



This preview shows how black text looks on a background with the Yxy color 63.7657, 0.4193, 0.4767.



This preview shows how white text looks on a background with the Yxy color 63.7657, 0.4193, 0.4767.

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

63.7657, 0.4193, 0.4767

Protanopia

63.4303, 0.4277, 0.4712

Deuteranopia

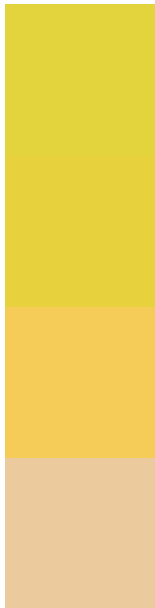
63.5478, 0.4301, 0.4248



Tritanopia

63.5430, 0.3340, 0.3130

Trichromacy



Original Color

63.7657, 0.4193, 0.4767

Protanomaly

63.4190, 0.4245, 0.4735

Deuteranomaly

63.3028, 0.4280, 0.4441

Tritanomaly

62.8427, 0.3726, 0.3789

Monochromacy



Original Color

63.7657, 0.4193, 0.4767

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.9110, 0.3573, 0.3948

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7657, 0.4193, 0.4767 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(227, 212, 62)` looks like.

```
.text, #text, p{  
    color:rgb(227, 212, 62)  
}
```

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(227, 212, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 212, 62) }
```

Border

The CSS property to change the border of an element to Yxy 63.7657, 0.4193, 0.4767 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(227, 212, 62) }
```

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

```
.border{ border-color:rgb(227, 212, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 212, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 212, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 212, 62);  
box-shadow:4px 4px 4px 4px rgb(227, 212,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7657, 0.4193, 0.4767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 212, 62) }
```

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

```
.background{ background-color: rgb(227,  
212, 62) }
```

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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