

Converting Colors

Yxy(62.0449, 0.4364, 0.4862)

Have a look what the booklet for
Yxy(62.0449, 0.4364, 0.4862)
contains.

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Color

Yxy(62.1666, 0.4357, 0.4865)

Conversions

Conversions Part 1

Format	Color
Hex	E7D018
RGB	231, 208, 24
RGB Percent	91%, 82%, 9%
CMY	0.0942, 0.1843, 0.9049
CMYK	0.00, 0.10, 0.90, 0.09
HSL	53°, 81%, 50%
HSV	53°, 90%, 91%
XYZ	55.6752, 62.1666, 9.9415
YIQ	193.9010, 72.7720, -52.3480

Conversions

Conversions Part 2

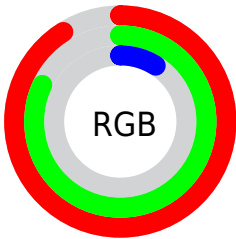
Format	Color
R _Y B	50, 231, 24
Decimal	15192088
CIE Lab	83.00, -8.38, 80.63
CIE LCh	83, 81.068, 95.932
Yxy	62.1666, 0.4357, 0.4865
Android (android.graphics.Color)	4293382168 (0xFFE7D018)
YUV	193.9010, -83.7612, 32.5358
Hunter-Lab	78.8458, -11.9363, 47.7163

Details

The Yxy color **62.1666, 0.4357, 0.4865** 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 **8.0169, 0.1581, 0.0800**, and the grayscale version is **54.3770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5882, 0.4009, 0.4748**, and **31.7691, 0.4378, 0.4906** is the 20% darker color. If you saturate the color by 10%, you get **60.8631, 0.4404, 0.4883**, and if you desaturate by 10%, it is **63.5729, 0.4285, 0.4807**.

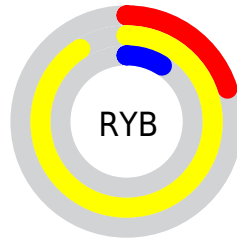
Distribution



Red (91%)

Green (82%)

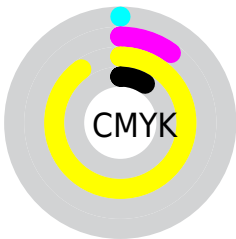
Blue (9%)



Red (20%)

Yellow (91%)

Blue (9%)

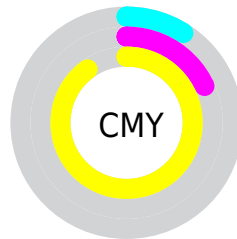


Cyan (0%)

Magenta (10%)

Yellow (90%)

Black (9%)



Cyan (9%)

Magenta (18%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1666, 0.4357, 0.4865 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 62.1666, 0.4357, 0.4865 by changing the saturation by 10% instead.


 62.1666, 0.4357,
0.4865


 62.1666, 0.4357,
0.4865


432.5385, 0.3863,
0.4192

 45.1673, 0.4435,
0.4985


 107.9663, 0.4211,
0.4655

 31.5892, 0.4509,
0.5113


 137.5355, 0.4146,
0.4566

 21.0480, 0.4572,
0.5241


 172.0634, 0.4087,
0.4486

 13.1591, 0.4622,
0.5378

 211.9346, 0.4033,
0.4414

 7.5382, 0.4571,
0.5429

 257.5332, 0.3985,
0.4350

 3.8009, 0.4491,
0.5509

 309.2439, 0.3940,

 1.5628, 0.4356,

0.4292

0.5644

367.4508, 0.3900,
0.4239

■ 0.3323, 0.2510,
0.7490

■ 0.0000, 0.0000,
0.0000

■ 62.1666, 0.4357,
0.4865

■ 62.1666, 0.4357,
0.4865

■ 60.8631, 0.4404,
0.4883

■ 63.5729, 0.4285,
0.4807


■ 60.7998, 0.4406,
0.4883


■ 65.0953, 0.4184,
0.4704


■ 66.7505, 0.4059,
0.4559


■ 68.5501, 0.3915,
0.4379

 70.5042, 0.3757,
0.4173

 72.6219, 0.3594,
0.3952

 74.9117, 0.3430,
0.3724

 77.3812, 0.3271,
0.3498

 80.0375, 0.3120,
0.3279

Harmonies

Analogous

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



62.1666, 0.4981, 0.4190



62.1666, 0.4357, 0.4865



62.1666, 0.3472, 0.5207

Triad

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



62.1666, 0.4357, 0.4865



62.1666, 0.1495, 0.2596



62.1666, 0.3500, 0.2279

Complementary

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



62.1666, 0.4357, 0.4865



8.0169, 0.1581, 0.0800

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.



62.1666, 0.2512, 0.1925



62.1666, 0.4357, 0.4865



62.1666, 0.1506, 0.2018

Square

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



62.1666, 0.4357, 0.4865



62.1666, 0.1834, 0.3618



62.1666, 0.1838, 0.1824



62.1666, 0.4521, 0.2830

Rectangle

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



62.1666, 0.4357, 0.4865



62.1666, 0.2845, 0.5002



62.1666, 0.1838, 0.1824



62.1666, 0.3146, 0.2135

Sweetspot

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



62.1696, 0.4357, 0.4865



91.5455, 0.3555, 0.3898



17.8667, 0.6019, 0.3180



19.3909, 0.3611, 0.3976



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.



62.1696, 0.4357, 0.4865



76.0097, 0.4407, 0.4882



63.8626, 0.3574, 0.5481



16.5291, 0.3270, 0.3497



34.2033, 0.4402, 0.4886



2.6059, 0.4368, 0.4914

Inverse Universe

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



8.0169, 0.1581, 0.0800



8.0670, 0.1518, 0.0663



9.3450, 0.1924, 0.0881



14.1437, 0.2980, 0.3074



3.7292, 0.1523, 0.0681



0.3621, 0.1574, 0.0865

Previews

White Background



This preview shows how the Yxy color 62.1666, 0.4357, 0.4865 looks on a white background.

Color Contrast Check

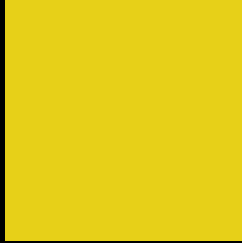
Large Text (above 18pt) WCAG AA × Fail

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 62.1666, 0.4357, 0.4865 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 62.1666, 0.4357, 0.4865

Background



This preview shows how black text looks on a background with the Yxy color 62.1666, 0.4357, 0.4865.



This preview shows how white text looks on a background with the Yxy color 62.1666, 0.4357, 0.4865.

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

62.1666, 0.4357, 0.4865

Protanopia

62.0152, 0.4382, 0.4846

Deuteranopia

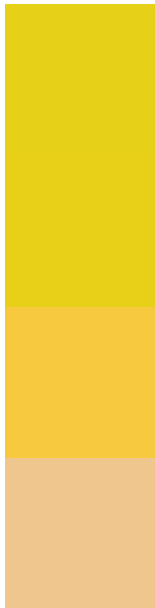
61.8326, 0.4434, 0.4365



Tritanopia

61.7487, 0.3419, 0.3131

Trichromacy



Original Color

62.1666, 0.4357, 0.4865

Protanomaly

61.8474, 0.4374, 0.4852

Deuteranomaly

61.7139, 0.4434, 0.4578

Tritanomaly

60.6620, 0.3910, 0.3914

Monochromacy



Original Color

62.1666, 0.4357, 0.4865

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.7782, 0.3699, 0.4100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1666, 0.4357, 0.4865 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(231, 208, 24)` looks like.

```
.text, #text, p{  
    color:rgb(231, 208, 24)  
}
```

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(231, 208, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 208, 24) }
```

Border

The CSS property to change the border of an element to Yxy 62.1666, 0.4357, 0.4865 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(231, 208, 24) }
```

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

```
.border{ border-color:rgb(231, 208, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 208, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 208, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 208, 24);  
box-shadow:4px 4px 4px 4px rgb(231, 208,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1666, 0.4357, 0.4865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 208, 24) }
```

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

```
.background{ background-color: rgb(231,  
208, 24) }
```

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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