

Converting Colors

Yxy(63.6554, 0.4348, 0.4657)

Have a look what the booklet for
Yxy(63.6554, 0.4348, 0.4657)
contains.

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Color

Yxy(63.6633, 0.4349, 0.4658)

Conversions

Conversions Part 1

Format	Color
Hex	F1CF3D
RGB	241, 207, 61
RGB Percent	95%, 81%, 24%
CMY	0.0548, 0.1883, 0.7607
CMYK	0.00, 0.14, 0.75, 0.05
HSL	49°, 87%, 59%
HSV	49°, 75%, 95%
XYZ	59.4400, 63.6633, 13.5718
YIQ	200.5220, 67.1300, -38.1980

Conversions

Conversions Part 2

Format	Color
RYB	103, 241, 61
Decimal	15847229
CIELab	83.79, -2.55, 72.15
CIELCh	84, 72.192, 92.025
Yxy	63.6633, 0.4349, 0.4658
Android (android.graphics.Color)	4294037309 (0xFFFF1CF3D)
YUV	200.5220, -68.7843, 35.4992
Hunter-Lab	79.7893, -6.6554, 45.7675

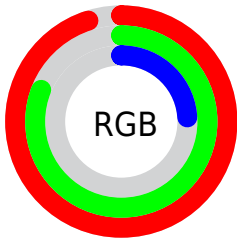
Details

The Yxy color **63.6633, 0.4349, 0.4658** is a light color, and the websafe version is hex **FFCC33**.

The color can be described as light washed yellow. A complement of this color would be **15.5405, 0.1788, 0.1268**, and the grayscale version is **58.5045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0880, 0.3907, 0.4580**, and **32.6062, 0.4495, 0.4813** is the 20% darker color. If you saturate the color by 10%, you get **61.2855, 0.4461, 0.4727**, and if you desaturate by 10%, it is **66.2276, 0.4210, 0.4544**.

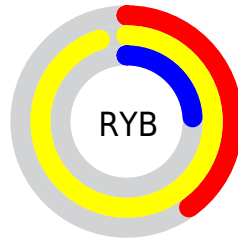
Distribution



Red (95%)

Green (81%)

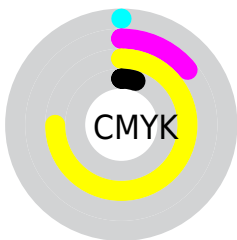
Blue (24%)



Red (40%)

Yellow (95%)

Blue (24%)

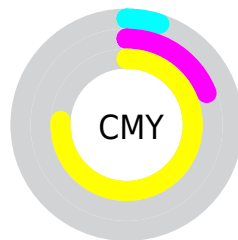


Cyan (0%)

Magenta (14%)

Yellow (75%)

Black (5%)



Cyan (5%)


Magenta (19%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6633, 0.4349, 0.4658 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 63.6633, 0.4349, 0.4658 by changing the saturation by 10% instead.


 63.6633, 0.4349,
0.4658


 63.6633, 0.4349,
0.4658


437.9727, 0.3832,
0.4069

 46.3780, 0.4442,
0.4767


 110.1259, 0.4187,
0.4471


 32.5442, 0.4542,
0.4886


 140.0720, 0.4119,
0.4393

 21.7775, 0.4641,
0.5009


 175.0072, 0.4057,
0.4323

 13.6935, 0.4756,
0.5156

 215.3158, 0.4002,
0.4261

 7.9078, 0.4783,
0.5217

 261.3823, 0.3953,
0.4206

 4.0360, 0.4761,
0.5239

313.5910, 0.3908,

 1.6937, 0.4723,

0.4155

0.5277

372.3263, 0.3868,
0.4110

0.4196, 0.4451,
0.5549

0.0000, 0.0000,
0.0000

63.6633, 0.4349,
0.4658

63.6633, 0.4349,
0.4658

61.2855, 0.4461,
0.4727

66.2276, 0.4210,
0.4544


59.0675, 0.4544,
0.4749

68.9836, 0.4051,
0.4391

57.9413, 0.4579,
0.4746


71.9468, 0.3879,
0.4208


75.1283, 0.3702,
0.4008

 78.5381, 0.3526,
0.3798

 82.1857, 0.3357,
0.3588

 86.0796, 0.3198,
0.3383

 90.2280, 0.3050,
0.3188

 93.0711, 0.3043,
0.3221

Harmonies

Analogous

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



63.6633, 0.4841, 0.4057



63.6633, 0.4349, 0.4658



63.6633, 0.3576, 0.4976

Triad

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



63.6633, 0.4349, 0.4658



63.6633, 0.1671, 0.2786



63.6633, 0.3342, 0.2323

Complementary

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



63.6633, 0.4349, 0.4658



15.5405, 0.1788, 0.1268

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.



63.6633, 0.2484, 0.2024



63.6633, 0.4349, 0.4658



63.6633, 0.1635, 0.2200

Square

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



63.6633, 0.4349, 0.4658



63.6633, 0.2040, 0.3723



63.6633, 0.1904, 0.1968



63.6633, 0.4258, 0.2813

Rectangle

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



63.6633, 0.4349, 0.4658



63.6633, 0.3006, 0.4842



63.6633, 0.1904, 0.1968



63.6633, 0.3034, 0.2199

Sweetspot

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



63.6664, 0.4349, 0.4658



90.3160, 0.3481, 0.3743



22.9096, 0.5234, 0.2989



19.0960, 0.3528, 0.3800



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.



63.6664, 0.4349, 0.4658



68.2202, 0.4511, 0.4745



73.8369, 0.3705, 0.5180



17.9212, 0.3273, 0.3480



31.5982, 0.4572, 0.4752



2.7581, 0.4513, 0.4799

Inverse Universe

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



15.5405, 0.1788, 0.1268



11.6769, 0.1608, 0.0912



13.3385, 0.2010, 0.1089



15.7123, 0.2980, 0.3092



4.6295, 0.1550, 0.0780



0.5170, 0.1612, 0.1002

Previews

White Background



This preview shows how the Yxy color 63.6633, 0.4349, 0.4658 looks on a white background.

Color Contrast Check

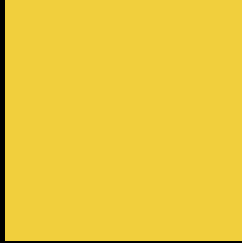
Large Text (above 18pt) WCAG AA × Fail

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 63.6633, 0.4349, 0.4658 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 63.6633, 0.4349, 0.4658

Background



This preview shows how black text looks on a background with the Yxy color 63.6633, 0.4349, 0.4658.



This preview shows how white text looks on a background with the Yxy color 63.6633, 0.4349, 0.4658.

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

63.6633, 0.4349, 0.4658

Protanopia

63.4412, 0.4273, 0.4706

Deuteranopia

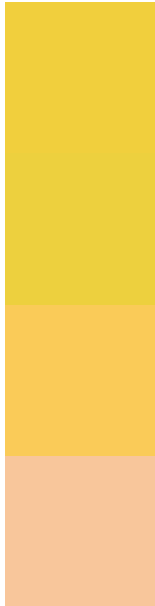
63.5478, 0.4301, 0.4248



Tritanopia

63.3894, 0.3492, 0.3135

Trichromacy



Original Color

63.6633, 0.4349, 0.4658

Protanomaly

63.4641, 0.4305, 0.4682

Deuteranomaly

63.7404, 0.4328, 0.4410

Tritanomaly

62.7112, 0.3876, 0.3750

Monochromacy



Original Color

63.6633, 0.4349, 0.4658

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.5128, 0.3627, 0.3912

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6633, 0.4349, 0.4658 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(241, 207, 61)` looks like.

```
.text, #text, p{  
    color:rgb(241, 207, 61)  
}
```

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(241, 207, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 207, 61) }
```

Border

The CSS property to change the border of an element to Yxy 63.6633, 0.4349, 0.4658 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(241, 207, 61) }
```

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

```
.border{ border-color:rgb(241, 207, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 207, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 207, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 207, 61);  
box-shadow:4px 4px 4px 4px rgb(241, 207,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6633, 0.4349, 0.4658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 207, 61) }
```

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

```
.background{ background-color: rgb(241,  
207, 61) }
```

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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