

Converting Colors

Yxy(64.0753, 0.4169, 0.4388)

Have a look what the booklet for
Yxy(64.0753, 0.4169, 0.4388)
contains.

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Color

Yxy(64.2273, 0.4165, 0.4397)

Conversions

Conversions Part 1

Format	Color
Hex	F1CF63
RGB	241, 207, 99
RGB Percent	95%, 81%, 39%
CMY	0.0550, 0.1882, 0.6116
CMYK	0.00, 0.14, 0.59, 0.05
HSL	46°, 84%, 67%
HSV	46°, 59%, 95%
XYZ	60.8385, 64.2273, 21.0050
YIQ	204.8540, 54.9320, -26.3800

Conversions

Conversions Part 2

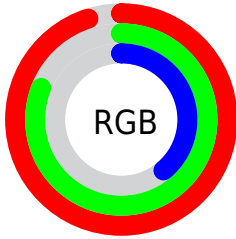
Format	Color
R _Y B	144, 241, 99
Decimal	15847267
CIE Lab	84.08, -0.49, 57.00
CIE LCh	84, 56.998, 90.492
Yxy	64.2273, 0.4165, 0.4397
Android (android.graphics.Color)	4294037347 (0xFFFF1CF63)
YUV	204.8540, -52.1860, 31.7000
Hunter-Lab	80.1419, -4.7430, 40.5596

Details

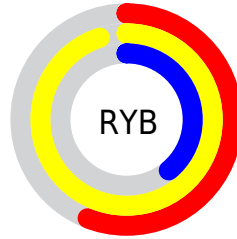
The Yxy color **64.2273, 0.4165, 0.4397** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **25.7850, 0.2074, 0.1818**, and the grayscale version is **61.2680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0799, 0.3728, 0.4284**, and **32.9248, 0.4367, 0.4611** is the 20% darker color. If you saturate the color by 10%, you get **61.0916, 0.4334, 0.4528**, and if you desaturate by 10%, it is **67.6088, 0.3982, 0.4234**.

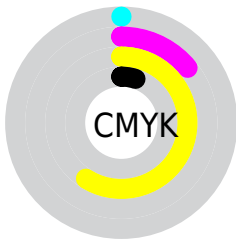
Distribution



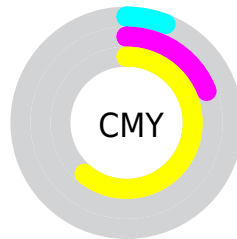
- Red (95%)
- Green (81%)
- Blue (39%)



- Red (56%)
- Yellow (95%)
- Blue (39%)



- Cyan (0%)
- Magenta (14%)
- Yellow (59%)
- Black (5%)




- Cyan (6%)
- Magenta (19%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2273, 0.4165, 0.4397 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 64.2273, 0.4165, 0.4397 by changing the saturation by 10% instead.


 64.2273, 0.4165,
0.4397


 64.2273, 0.4165,
0.4397


440.0100, 0.3702,
0.3902


 46.8348, 0.4259,
0.4498


 110.9382, 0.4012,
0.4233

 32.9051, 0.4368,
0.4615


 141.0254, 0.3950,
0.4167

 22.0537, 0.4490,
0.4747


 176.1130, 0.3896,
0.4109

 13.8964, 0.4623,
0.4892

 216.5853, 0.3848,
0.4058

 8.0486, 0.4818,
0.5104

262.8268, 0.3805,
0.4012

 4.1261, 0.4852,
0.5148

315.2218, 0.3767,

 1.7443, 0.4845,

0.3972

0.5155

374.1547, 0.3733,
0.3935

0.4521, 0.4803,
0.5197

0.0000, 0.0000,
0.0000

64.2273, 0.4165,
0.4397

64.2273, 0.4165,
0.4397

61.0916, 0.4334,
0.4528

67.6088, 0.3982,
0.4234

58.1787, 0.4482,
0.4616

71.2390, 0.3795,
0.4049


55.4756, 0.4601,
0.4657

75.1319, 0.3610,
0.3853


52.9589, 0.4691,
0.4651


79.2978, 0.3432,
0.3653

 52.6904, 0.4701,
0.4650

 83.7459, 0.3265,
0.3458

 88.4853, 0.3111,
0.3270

 92.6768, 0.3042,
0.3215

 96.2668, 0.3042,
0.3272

 97.4381, 0.3041,
0.3290

Harmonies

Analogous

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



64.2273, 0.4517, 0.3934



64.2273, 0.4165, 0.4397



64.2273, 0.3556, 0.4607

Triad

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



64.2273, 0.4165, 0.4397



64.2273, 0.1948, 0.2946



64.2273, 0.3270, 0.2482

Complementary

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



64.2273, 0.4165, 0.4397



25.7850, 0.2074, 0.1818

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.



64.2273, 0.2587, 0.2241



64.2273, 0.4165, 0.4397



64.2273, 0.1894, 0.2439

Square

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



64.2273, 0.4165, 0.4397



64.2273, 0.2285, 0.3677



64.2273, 0.2111, 0.2214



64.2273, 0.3987, 0.2891

Rectangle

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



64.2273, 0.4165, 0.4397



64.2273, 0.3094, 0.4494



64.2273, 0.2111, 0.2214



64.2273, 0.3027, 0.2380

Sweetspot

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



64.2304, 0.4165, 0.4397



90.5779, 0.3417, 0.3637



29.3660, 0.4486, 0.2922



19.0828, 0.3468, 0.3695



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.



64.2304, 0.4165, 0.4397



68.6730, 0.4371, 0.4552



76.8537, 0.3702, 0.4821



17.7804, 0.3274, 0.3469



28.7962, 0.4691, 0.4658



2.5476, 0.4611, 0.4721

Inverse Universe

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



25.7850, 0.2074, 0.1818



21.4631, 0.1867, 0.1470



20.3937, 0.2222, 0.1497



15.8430, 0.2980, 0.3105



5.2413, 0.1575, 0.0868



0.5854, 0.1642, 0.1110

Previews

White Background



This preview shows how the Yxy color 64.2273, 0.4165, 0.4397 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 64.2273, 0.4165, 0.4397 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 64.2273, 0.4165, 0.4397

Background



This preview shows how black text looks on a background with the Yxy color 64.2273, 0.4165, 0.4397.



This preview shows how white text looks on a background with the Yxy color 64.2273, 0.4165, 0.4397.

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

64.2273, 0.4165, 0.4397

Protanopia

64.1691, 0.4067, 0.4452

Deuteranopia

64.2942, 0.4210, 0.4146



Tritanopia

64.1926, 0.3464, 0.3135

Trichromacy



Original Color

64.2273, 0.4165, 0.4397

Protanomaly

64.1832, 0.4098, 0.4431

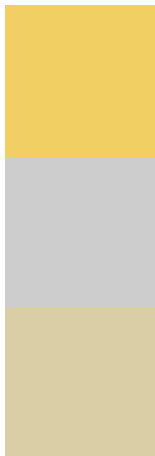
Deuteranomaly

64.1617, 0.4197, 0.4234

Tritanomaly

63.5233, 0.3744, 0.3602

Monochromacy



Original Color

64.2273, 0.4165, 0.4397

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.8012, 0.3515, 0.3754

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2273, 0.4165, 0.4397 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, 99)` looks like.

```
.text, #text, p{  
    color:rgb(241, 207, 99)  
}
```

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, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 207, 99) }
```

Border

The CSS property to change the border of an element to Yxy 64.2273, 0.4165, 0.4397 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, 99) }
```

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

```
.border{ border-color:rgb(241, 207, 99) }
```

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, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 207, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 207, 99);  
box-shadow:4px 4px 4px 4px rgb(241, 207,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2273, 0.4165, 0.4397 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, 99) }
```

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

```
.background{ background-color: rgb(241,  
207, 99) }
```

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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