

Converting Colors

Yxy(66.1133, 0.4250, 0.4460)

Have a look what the booklet for
Yxy(66.1133, 0.4250, 0.4460)
contains.

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Color

Yxy(66.1133, 0.4250, 0.4460)

Conversions

Conversions Part 1

Format	Color
Hex	F7D15A
RGB	247, 209, 90
RGB Percent	97%, 82%, 35%
CMY	0.0314, 0.1803, 0.6469
CMYK	0.00, 0.15, 0.64, 0.03
HSL	45°, 91%, 66%
HSV	45°, 64%, 97%
XYZ	63.0003, 66.1133, 19.1225
YIQ	206.7960, 60.8470, -28.9530

Conversions

Conversions Part 2

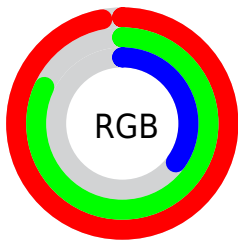
Format	Color
R _Y B	140, 247, 90
Decimal	16240986
CIE Lab	85.05, 0.37, 62.23
CIE LCh	85, 62.231, 89.656
Yxy	66.1133, 0.4250, 0.4460
Android (android.graphics.Color)	4294431066 (0xFFFF7D15A)
YUV	206.7960, -57.5804, 35.2589
Hunter-Lab	81.3101, -3.9880, 42.9733

Details

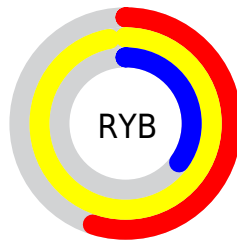
The Yxy color **66.1133, 0.4250, 0.4460** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **24.3318, 0.1992, 0.1687**, and the grayscale version is **62.6105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7936, 0.3777, 0.4365**, and **34.1173, 0.4456, 0.4679** is the 20% darker color. If you saturate the color by 10%, you get **62.8855, 0.4411, 0.4572**, and if you desaturate by 10%, it is **69.5971, 0.4071, 0.4311**.

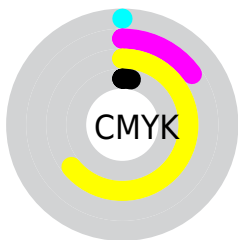
Distribution



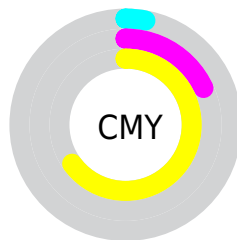
- Red (97%)
- Green (82%)
- Blue (35%)



- Red (55%)
- Yellow (97%)
- Blue (35%)



- Cyan (0%)
- Magenta (15%)
- Yellow (64%)
- Black (3%)





- Cyan (3%)
- Magenta (18%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1133, 0.4250, 0.4460 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 66.1133, 0.4250, 0.4460 by changing the saturation by 10% instead.


 66.1133, 0.4250,
0.4460


 66.1133, 0.4250,
0.4460


446.7820, 0.3758,
0.3948


 48.3644, 0.4347,
0.4561


 113.6489, 0.4090,
0.4294


 34.1155, 0.4457,
0.4674


 144.2044, 0.4024,
0.4225

 22.9824, 0.4578,
0.4799


 179.7976, 0.3966,
0.4165

 14.5805, 0.4705,
0.4929

 220.8128, 0.3915,
0.4112

 8.5255, 0.4886,
0.5114

267.6344, 0.3869,
0.4064

 4.4330, 0.4889,
0.5111

320.6469, 0.3828,

 1.9186, 0.4894,

0.4021

0.5106

380.2346, 0.3791,
0.3983

■ 0.5595, 0.4915,
0.5085

■ 0.0000, 0.0000,
0.0000

■ 66.1133, 0.4250,
0.4460

■ 66.1133, 0.4250,
0.4460

■ 62.8855, 0.4411,
0.4572

■ 69.5971, 0.4071,
0.4311

■ 59.8886, 0.4547,
0.4637

■ 73.3410, 0.3884,
0.4135

■ 57.1070, 0.4653,
0.4654

■ 77.3605, 0.3697,
0.3943

■ 55.4078, 0.4708,
0.4644

■ 81.6667, 0.3514,
0.3745

86.2701, 0.3341,
0.3547

91.1804, 0.3181,
0.3356

95.8852, 0.3079,
0.3250

98.5108, 0.3078,
0.3290

Harmonies

Analogous

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



66.1133, 0.4627, 0.3950



66.1133, 0.4250, 0.4460



66.1133, 0.3598, 0.4717

Triad

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



66.1133, 0.4250, 0.4460



66.1133, 0.1871, 0.2930



66.1133, 0.3255, 0.2417

Complementary

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



66.1133, 0.4250, 0.4460



24.3318, 0.1992, 0.1687

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.



66.1133, 0.2527, 0.2166



66.1133, 0.4250, 0.4460



66.1133, 0.1809, 0.2383

Square

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



66.1133, 0.4250, 0.4460



66.1133, 0.2233, 0.3731



66.1133, 0.2030, 0.2141



66.1133, 0.4037, 0.2845

Rectangle

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



66.1133, 0.4250, 0.4460



66.1133, 0.3103, 0.4614



66.1133, 0.2030, 0.2141



66.1133, 0.2994, 0.2310

Sweetspot

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



66.1165, 0.4250, 0.4460



90.0108, 0.3435, 0.3655



28.6828, 0.4662, 0.2907



18.9663, 0.3485, 0.3712



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.



66.1165, 0.4250, 0.4460



66.7656, 0.4449, 0.4593



80.6222, 0.3729, 0.4925



18.5944, 0.3275, 0.3468



29.5410, 0.4697, 0.4652



2.7550, 0.4621, 0.4713

Inverse Universe

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



24.3318, 0.1992, 0.1687



18.9621, 0.1795, 0.1342



18.7228, 0.2136, 0.1354



16.5777, 0.2979, 0.3105



5.4311, 0.1576, 0.0872



0.6313, 0.1639, 0.1101

Previews

White Background



This preview shows how the Yxy color 66.1133, 0.4250, 0.4460 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 66.1133, 0.4250, 0.4460 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 66.1133, 0.4250, 0.4460

Background



This preview shows how black text looks on a background with the Yxy color 66.1133, 0.4250, 0.4460.



This preview shows how white text looks on a background with the Yxy color 66.1133, 0.4250, 0.4460.

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

66.1133, 0.4250, 0.4460

Protanopia

66.1767, 0.4130, 0.4534

Deuteranopia

65.9521, 0.4124, 0.4083



Tritanopia

65.9460, 0.3477, 0.3137

Trichromacy



Original Color

66.1133, 0.4250, 0.4460

Protanomaly

66.3676, 0.4169, 0.4508

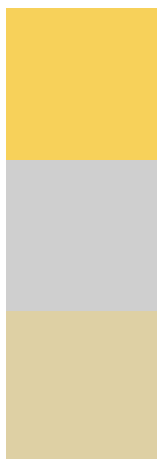
Deuteranomaly

66.0303, 0.4175, 0.4228

Tritanomaly

65.2959, 0.3795, 0.3639

Monochromacy



Original Color

66.1133, 0.4250, 0.4460

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.3217, 0.3558, 0.3794

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1133, 0.4250, 0.4460 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(247, 209, 90)` looks like.

```
.text, #text, p{  
    color:rgb(247, 209, 90)  
}
```

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(247, 209, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 209, 90) }
```

Border

The CSS property to change the border of an element to Yxy 66.1133, 0.4250, 0.4460 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(247, 209, 90) }
```

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

```
.border{ border-color:rgb(247, 209, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 209, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 209, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 209, 90);  
box-shadow:4px 4px 4px 4px rgb(247, 209,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1133, 0.4250, 0.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 209, 90) }
```

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

```
.background{ background-color: rgb(247,  
209, 90) }
```

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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