

Converting Colors

$Yxy(60.4920, 0.4385, 0.4356)$

Have a look what the booklet for
Yxy(60.4920, 0.4385, 0.4356)
contains.

Yxy(60.4920, 0.4385, 0.4356)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.4920, 0.4385, 0.4356)

Conversions

Conversions Part 1

Format	Color
Hex	FAC457
RGB	250, 196, 87
RGB Percent	98%, 77%, 34%
CMY	0.0195, 0.2314, 0.6588
CMYK	0.00, 0.22, 0.65, 0.02
HSL	40°, 94%, 66%
HSV	40°, 65%, 98%
XYZ	60.8947, 60.4920, 17.4838
YIQ	199.7200, 67.1730, -22.4510

Conversions

Conversions Part 2

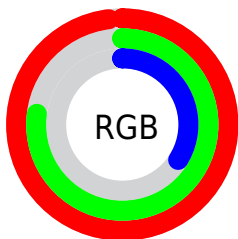
Format	Color
RYB	168, 250, 87
Decimal	16434263
CIELab	82.10, 8.17, 60.44
CIELCh	82, 60.990, 82.298
Yxy	60.4920, 0.4385, 0.4356
Android (android.graphics.Color)	4294624343 (0xFFFA457)
YUV	199.7200, -55.5710, 44.0956
Hunter-Lab	77.7766, 3.6464, 41.1155

Details

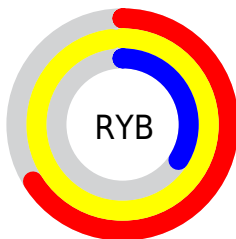
The Yxy color **60.4920, 0.4385, 0.4356** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **27.9957, 0.2008, 0.1830**, and the grayscale version is **57.8984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8039, 0.3805, 0.4367**, and **30.6910, 0.4633, 0.4542** is the 20% darker color. If you saturate the color by 10%, you get **56.5181, 0.4580, 0.4445**, and if you desaturate by 10%, it is **64.8199, 0.4176, 0.4228**.

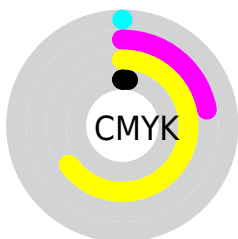
Distribution



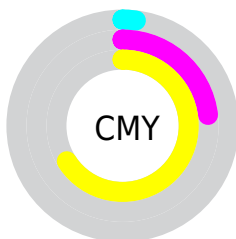
- Red (98%)
- Green (77%)
- Blue (34%)



- Red (66%)
- Yellow (98%)
- Blue (34%)



- Cyan (0%)
- Magenta (22%)
- Yellow (65%)
- Black (2%)





- Cyan (2%)
- Magenta (23%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4920, 0.4385, 0.4356 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 60.4920, 0.4385, 0.4356 by changing the saturation by 10% instead.


 60.4920, 0.4385,
0.4356


 60.4920, 0.4385,
0.4356


426.4089, 0.3817,
0.3897

 43.8153, 0.4501,
0.4443


 105.5430, 0.4197,
0.4209


 30.5253, 0.4635,
0.4538


 134.6862, 0.4121,
0.4148

 20.2377, 0.4786,
0.4637


 168.7536, 0.4054,
0.4094

 12.5679, 0.4950,
0.4730

 208.1298, 0.3995,
0.4046

 7.1317, 0.5163,
0.4837

253.1990, 0.3943,
0.4003

 3.5446, 0.5237,
0.4763

304.3456, 0.3896,

 1.4222, 0.5362,

0.3964

0.4638

361.9541, 0.3855,
0.3929

0.2330, 0.6437,
0.3563

0.0000, 0.0000,
0.0000

60.4920, 0.4385,
0.4356

60.4920, 0.4385,
0.4356

56.5181, 0.4580,
0.4445

64.8199, 0.4176,
0.4228

52.8706, 0.4750,
0.4486

69.5093, 0.3963,
0.4073


49.5303, 0.4887,
0.4475


74.5779, 0.3755,
0.3901


48.0228, 0.4944,
0.4456

80.0394, 0.3558,
0.3724

 85.9064, 0.3374,
0.3547

 92.1909, 0.3207,
0.3376

 98.4429, 0.3097,
0.3280

 99.0709, 0.3097,
0.3290

Harmonies

Analogous

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



60.4920, 0.4671, 0.3813



60.4920, 0.4385, 0.4356



60.4920, 0.3778, 0.4706

Triad

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



60.4920, 0.4385, 0.4356



60.4920, 0.1922, 0.3107



60.4920, 0.3061, 0.2329

Complementary

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



60.4920, 0.4385, 0.4356



27.9957, 0.2008, 0.1830

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.



60.4920, 0.2374, 0.2129



60.4920, 0.4385, 0.4356



60.4920, 0.1787, 0.2480

Square

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



60.4920, 0.4385, 0.4356



60.4920, 0.2359, 0.3942



60.4920, 0.1941, 0.2165



60.4920, 0.3863, 0.2722

Rectangle

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



60.4920, 0.4385, 0.4356



60.4920, 0.3286, 0.4697



60.4920, 0.1941, 0.2165



60.4920, 0.2809, 0.2238

Sweetspot

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



60.4950, 0.4385, 0.4356



86.8230, 0.3461, 0.3631



29.0815, 0.4532, 0.2764



18.2174, 0.3513, 0.3681



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.



60.4950, 0.4385, 0.4356



57.9691, 0.4632, 0.4462



84.7491, 0.3834, 0.4901



19.1643, 0.3277, 0.3448



25.7393, 0.4929, 0.4468



2.5782, 0.4818, 0.4556

Inverse Universe

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



27.9957, 0.2008, 0.1830



21.9916, 0.1824, 0.1505



17.3109, 0.2013, 0.1261



17.5830, 0.2979, 0.3127



7.1670, 0.1631, 0.1072



0.8496, 0.1696, 0.1307

Previews

White Background



This preview shows how the Yxy color 60.4920, 0.4385, 0.4356 looks on a white background.

Color Contrast Check

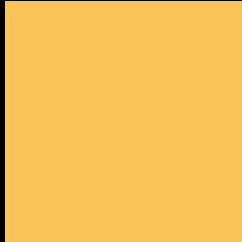
Large Text (above 18pt) WCAG AA × Fail

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 60.4920, 0.4385, 0.4356 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 60.4920, 0.4385, 0.4356

Background



This preview shows how black text looks on a background with the Yxy color 60.4920, 0.4385, 0.4356.



This preview shows how white text looks on a background with the Yxy color 60.4920, 0.4385, 0.4356.

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

60.4920, 0.4385, 0.4356

Protanopia

60.7317, 0.4114, 0.4513

Deuteranopia

60.3425, 0.4432, 0.4322



Tritanopia

60.5013, 0.3605, 0.3156

Trichromacy



Original Color

60.4920, 0.4385, 0.4356

Protanomaly

60.6245, 0.4206, 0.4459

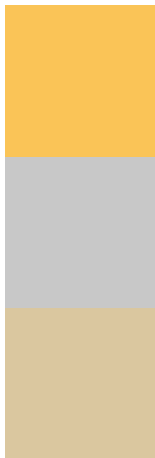
Deuteranomaly

60.6010, 0.4416, 0.4335

Tritanomaly

60.1782, 0.3926, 0.3629

Monochromacy



Original Color

60.4920, 0.4385, 0.4356

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.2555, 0.3588, 0.3759

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4920, 0.4385, 0.4356 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(250, 196, 87)` looks like.

```
.text, #text, p{  
    color:rgb(250, 196, 87)  
}
```

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(250, 196, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 196, 87) }
```

Border

The CSS property to change the border of an element to Yxy 60.4920, 0.4385, 0.4356 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(250, 196, 87) }
```

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

```
.border{ border-color:rgb(250, 196, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 196, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 196, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 196, 87);  
box-shadow:4px 4px 4px 4px rgb(250, 196,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4920, 0.4385, 0.4356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 196, 87) }
```

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

```
.background{ background-color: rgb(250,  
196, 87) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor