

Converting Colors

Yxy(61.6084, 0.4379, 0.4279)

Have a look what the booklet for
Yxy(61.6084, 0.4379, 0.4279)
contains.

| | |
|------------------------------------------------|----|
| Yxy(61.5661, 0.4378, 0.4275) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(61.5661, 0.4378, 0.4275)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFC45F |
| RGB | 255, 196, 95 |
| RGB Percent | 100%, 77%, 37% |
| CMY | 0.0000, 0.2314, 0.6272 |
| CMYK | 0.00, 0.23, 0.63, 0.00 |
| HSL | 38°, 100%, 69% |
| HSV | 38°, 63%, 100% |
| XYZ | 63.0494, 61.5661, 19.3987 |
| YIQ | 202.1270, 67.5850, -18.9030 |

Conversions

Conversions Part 2

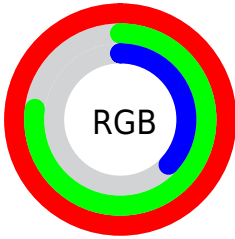
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 188, 255, 95 |
| Decimal | 16761951 |
| CIE Lab | 82.68, 10.71, 57.60 |
| CIE LCh | 83, 58.590, 79.467 |
| Yxy | 61.5661, 0.4378, 0.4275 |
| Android (android.graphics.Color) | 4294952031 (0xFFFFC45F) |
| YUV | 202.1270, -52.8136, 46.3696 |
| Hunter-Lab | 78.4641, 6.1207, 40.2665 |

Details

The Yxy color **61.5661, 0.4378, 0.4275** 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 **32.7838, 0.2066, 0.1972**, and the grayscale version is **59.4542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0507, 0.3761, 0.4295**, and **31.4142, 0.4632, 0.4444** is the 20% darker color. If you saturate the color by 10%, you get **57.0659, 0.4594, 0.4368**, and if you desaturate by 10%, it is **66.4874, 0.4153, 0.4146**.

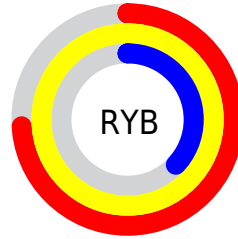
Distribution



Red (100%)

Green (77%)

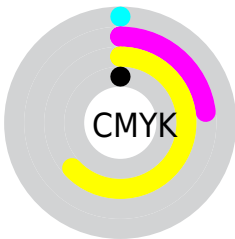
Blue (37%)



Red (74%)

Yellow (100%)

Blue (37%)

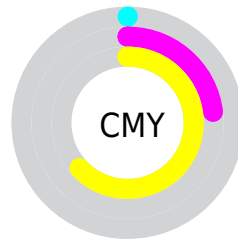


Cyan (0%)

Magenta (23%)

Yellow (63%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5661, 0.4378, 0.4275 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 61.5661, 0.4378, 0.4275 by changing the saturation by 10% instead.

 61.5661, 0.4378,
0.4275


 61.5661, 0.4378,
0.4275


430.3466, 0.3809,
0.3853


 44.6822, 0.4497,
0.4355

 107.0982, 0.4188,
0.4140

 31.2072, 0.4636,
0.4443


 136.5151, 0.4111,
0.4084

 20.7567, 0.4796,
0.4535


 170.8786, 0.4044,
0.4034

 12.9462, 0.4976,
0.4622

 210.5729, 0.3986,
0.3990

 7.3915, 0.5246,
0.4754

255.9824, 0.3934,
0.3950

 3.7082, 0.5339,
0.4661

307.4916, 0.3887,

 1.5117, 0.5495,

0.3914

0.4505

365.4849, 0.3846,
0.3882

0.2969, 0.6468,
0.3532

0.0000, 0.0000,
0.0000

61.5661, 0.4378,
0.4275

61.5661, 0.4378,
0.4275

57.0659, 0.4594,
0.4368

66.4874, 0.4153,
0.4146

52.9615, 0.4788,
0.4413

71.8429, 0.3929,
0.3994

49.2309, 0.4951,
0.4406

77.6508, 0.3715,
0.3828

46.7289, 0.5050,
0.4372

83.9262, 0.3516,
0.3659

90.6836, 0.3333,
0.3492

97.9364, 0.3169,
0.3332

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



61.5661, 0.4608, 0.3749



61.5661, 0.4378, 0.4275



61.5661, 0.3820, 0.4628

Triad

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



61.5661, 0.4378, 0.4275



61.5661, 0.1998, 0.3190



61.5661, 0.2996, 0.2338

Complementary

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



61.5661, 0.4378, 0.4275



32.7838, 0.2066, 0.1972

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.



61.5661, 0.2355, 0.2165



61.5661, 0.4378, 0.4275



61.5661, 0.1837, 0.2561

Square

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



61.5661, 0.4378, 0.4275



61.5661, 0.2447, 0.3984



61.5661, 0.1960, 0.2226



61.5661, 0.3761, 0.2703

Rectangle

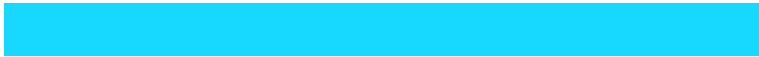
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.5661, 0.4378, 0.4275



61.5661, 0.3354, 0.4645



61.5661, 0.1960, 0.2226



61.5661, 0.2759, 0.2257

Sweetspot

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



61.5677, 0.4378, 0.4275



86.3859, 0.3446, 0.3596



31.8666, 0.4342, 0.2694



18.0845, 0.3499, 0.3644



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.



61.5677, 0.4378, 0.4275



56.0977, 0.4640, 0.4383



90.2382, 0.3875, 0.4820



19.8982, 0.3278, 0.3440



24.7120, 0.5032, 0.4386



2.6151, 0.4911, 0.4483

Inverse Universe

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



32.7838, 0.2066, 0.1972



25.4334, 0.1887, 0.1672



18.9721, 0.2007, 0.1311



18.4750, 0.2979, 0.3136



8.2214, 0.1658, 0.1170



1.0008, 0.1721, 0.1394

Previews

White Background



This preview shows how the Yxy color 61.5661, 0.4378, 0.4275 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 61.5661, 0.4378, 0.4275 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 61.5661, 0.4378, 0.4275

Background



This preview shows how black text looks on a background with the Yxy color 61.5661, 0.4378, 0.4275.



This preview shows how white text looks on a background with the Yxy color 61.5661, 0.4378, 0.4275.

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

61.5661, 0.4378, 0.4275

Protanopia

61.5184, 0.4070, 0.4450

Deuteranopia

61.5661, 0.4378, 0.4275



Tritanopia

61.3966, 0.3593, 0.3167

Trichromacy



Original Color

61.5661, 0.4378, 0.4275

Protanomaly

61.2813, 0.4185, 0.4381

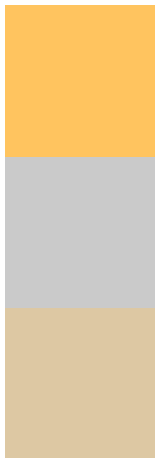
Deuteranomaly

61.5661, 0.4378, 0.4275

Tritanomaly

61.1302, 0.3905, 0.3596

Monochromacy



Original Color

61.5661, 0.4378, 0.4275

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.3250, 0.3579, 0.3719

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5661, 0.4378, 0.4275 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(255, 196, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 95)  
}
```

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(255, 196, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 95) }
```

Border

The CSS property to change the border of an element to Yxy 61.5661, 0.4378, 0.4275 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(255, 196, 95) }
```

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

```
.border{ border-color:rgb(255, 196, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5661, 0.4378, 0.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 95) }
```

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

```
.background{ background-color: rgb(255,  
196, 95) }
```

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