

Converting Colors

$Y_{xy}(75.1738, 0.4884, 0.4021)$

Have a look what the booklet for
Yxy(75.1738, 0.4884, 0.4021)
contains.

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Color

Yxy(60.2262, 0.4400, 0.4248)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFC15F |
| RGB | 255, 193, 95 |
| RGB Percent | 100%, 76%, 37% |
| CMY | 0.0000, 0.2431, 0.6274 |
| CMYK | 0.00, 0.24, 0.63, 0.00 |
| HSL | 37°, 100%, 69% |
| HSV | 37°, 63%, 100% |
| XYZ | 62.3812, 60.2262, 19.1680 |
| YIQ | 200.3660, 68.4100, -17.3340 |

Conversions

Conversions Part 2

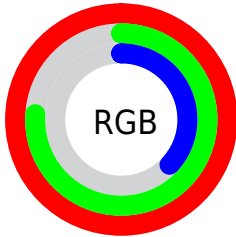
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 196, 255, 95 |
| Decimal | 16761183 |
| CIE _{Lab} | 81.96, 12.27, 56.81 |
| CIE _{LCh} | 82, 58.118, 77.809 |
| Yxy | 60.2262, 0.4400, 0.4248 |
| Android (android.graphics.Color) | 4294951263 (0xFFFFC15F) |
| YUV | 200.3660, -51.9454, 47.9140 |
| Hunter-Lab | 77.6055, 7.6729, 39.6797 |

Details

The Yxy color **60.2262, 0.4400, 0.4248** 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 **33.7760, 0.2075, 0.2012**, and the grayscale version is **58.2915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1495, 0.3778, 0.4280**, and **30.5254, 0.4667, 0.4411** is the 20% darker color. If you saturate the color by 10%, you get **55.6108, 0.4624, 0.4337**, and if you desaturate by 10%, it is **65.2846, 0.4168, 0.4123**.

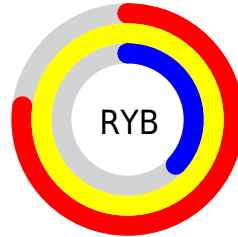
Distribution



Red (100%)

Green (76%)

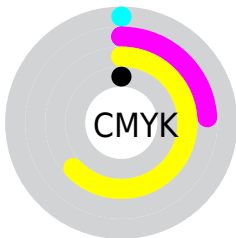
Blue (37%)



Red (77%)

Yellow (100%)

Blue (37%)

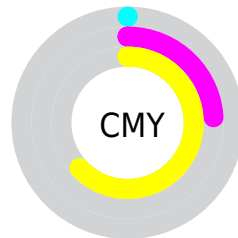


Cyan (0%)

Magenta (24%)

Yellow (63%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2262, 0.4400, 0.4248 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 60.2262, 0.4400, 0.4248 by changing the saturation by 10% instead.


 60.2262, 0.4400,
0.4248


 60.2262, 0.4400,
0.4248


425.4310, 0.3817,
0.3839

 43.6010, 0.4523,
0.4325


 105.1577, 0.4204,
0.4118

 30.3569, 0.4667,
0.4409

 134.2328, 0.4126,
0.4063

 20.1097, 0.4834,
0.4497


 168.2267, 0.4057,
0.4015

 12.4748, 0.5023,
0.4577

 207.5237, 0.3997,
0.3972

 7.0679, 0.5305,
0.4695

252.5082, 0.3944,
0.3933

 3.5046, 0.5415,
0.4585

303.5647, 0.3897,

 1.4005, 0.5597,

0.3898

0.4403

361.0775, 0.3855,
0.3867

0.2171, 0.6997,
0.3003

0.0000, 0.0000,
0.0000

60.2262, 0.4400,
0.4248

60.2262, 0.4400,
0.4248

55.6108, 0.4624,
0.4337

65.2846, 0.4168,
0.4123

51.4185, 0.4827,
0.4379

70.8059, 0.3939,
0.3975

47.6242, 0.4999,
0.4367

76.8071, 0.3721,
0.3814

45.0945, 0.5104,
0.4330

83.3042, 0.3518,
0.3649

90.3122, 0.3334,
0.3486

97.8453, 0.3169,
0.3331

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.



60.2262, 0.4607, 0.3718



60.2262, 0.4400, 0.4248



60.2262, 0.3856, 0.4616

Triad

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



60.2262, 0.4400, 0.4248



60.2262, 0.2016, 0.3232



60.2262, 0.2956, 0.2324

Complementary

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



60.2262, 0.4400, 0.4248



33.7760, 0.2075, 0.2012

Split Complementary

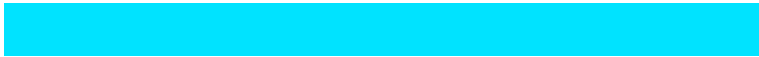
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.2262, 0.2326, 0.2163



60.2262, 0.4400, 0.4248



60.2262, 0.1839, 0.2589

Square

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



60.2262, 0.4400, 0.4248



60.2262, 0.2480, 0.4025



60.2262, 0.1947, 0.2238



60.2262, 0.3719, 0.2680

Rectangle

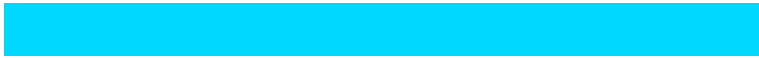
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.2262, 0.4400, 0.4248



60.2262, 0.3394, 0.4651



60.2262, 0.1947, 0.2238



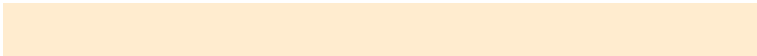
60.2262, 0.2722, 0.2246

Sweetspot

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



60.2258, 0.4400, 0.4248



85.8622, 0.3447, 0.3587



31.9521, 0.4307, 0.2667



17.9575, 0.3501, 0.3634



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.



60.2258, 0.4400, 0.4248



54.6257, 0.4672, 0.4351



90.6977, 0.3893, 0.4809



19.8392, 0.3279, 0.3435



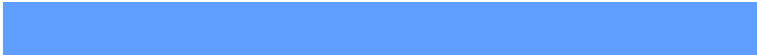
23.8613, 0.5085, 0.4345



2.5355, 0.4955, 0.4447

Inverse Universe

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



33.7760, 0.2075, 0.2012



26.4417, 0.1899, 0.1719



18.7892, 0.1990, 0.1303



18.5321, 0.2979, 0.3140



8.6864, 0.1673, 0.1222



1.0501, 0.1735, 0.1447

Previews

White Background



This preview shows how the Yxy color 60.2262, 0.4400, 0.4248 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 60.2262, 0.4400, 0.4248 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 60.2262, 0.4400, 0.4248

Background



This preview shows how black text looks on a background with the Yxy color 60.2262, 0.4400, 0.4248.



This preview shows how white text looks on a background with the Yxy color 60.2262, 0.4400, 0.4248.

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

60.2262, 0.4400, 0.4248

Protanopia

60.2553, 0.4060, 0.4431

Deuteranopia

60.1052, 0.4368, 0.4269



Tritanopia

59.9891, 0.3625, 0.3167

Trichromacy



Original Color

60.2262, 0.4400, 0.4248

Protanomaly

60.1949, 0.4184, 0.4359

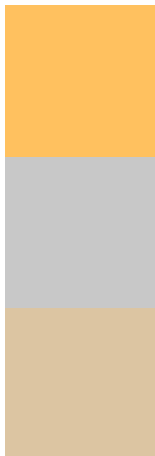
Deuteranomaly

60.2924, 0.4376, 0.4265

Tritanomaly

59.7645, 0.3934, 0.3586

Monochromacy



Original Color

60.2262, 0.4400, 0.4248

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7568, 0.3587, 0.3699

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2262, 0.4400, 0.4248 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, 193, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 95) }
```

Border

The CSS property to change the border of an element to Yxy 60.2262, 0.4400, 0.4248 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, 193, 95) }
```

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

```
.border{ border-color:rgb(255, 193, 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, 193, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2262, 0.4400, 0.4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 95) }
```

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

```
.background{ background-color: rgb(255,  
193, 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](#).

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