

Converting Colors

$Yxy(60.1902, 0.4412, 0.4264)$

Have a look what the booklet for
Yxy(60.1902, 0.4412, 0.4264)
contains.

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Color

Yxy(60.1902, 0.4412, 0.4264)

Conversions

Conversions Part 1

Format	Color
Hex	FFC15D
RGB	255, 193, 93
RGB Percent	100%, 76%, 36%
CMY	0.0001, 0.2431, 0.6353
CMYK	0.00, 0.24, 0.64, 0.00
HSL	37°, 100%, 68%
HSV	37°, 64%, 100%
XYZ	62.2794, 60.1902, 18.6895
YIQ	200.1380, 69.0520, -17.9560

Conversions

Conversions Part 2

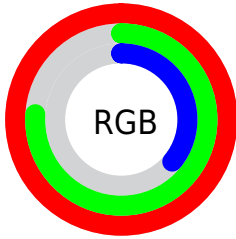
Format	Color
RYB	193, 255, 93
Decimal	16761181
CIELab	81.94, 12.12, 57.71
CIELCh	82, 58.974, 78.140
Yxy	60.1902, 0.4412, 0.4264
Android (android.graphics.Color)	4294951261 (0xFFFFC15D)
YUV	200.1380, -52.8190, 48.1140
Hunter-Lab	77.5823, 7.5221, 40.0248

Details

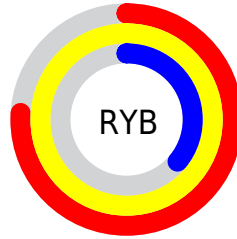
The Yxy color **60.1902, 0.4412, 0.4264** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **32.9732, 0.2060, 0.1982**, and the grayscale version is **58.1490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1179, 0.3783, 0.4289**, and **30.3787, 0.4668, 0.4430** is the 20% darker color. If you saturate the color by 10%, you get **55.6426, 0.4632, 0.4351**, and if you desaturate by 10%, it is **65.1786, 0.4182, 0.4141**.

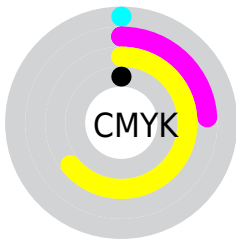
Distribution



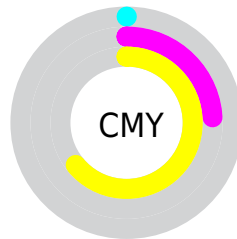
- Red (100%)
- Green (76%)
- Blue (36%)



- Red (76%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (24%)
- Yellow (64%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1902, 0.4412, 0.4264 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 60.1902, 0.4412, 0.4264 by changing the saturation by 10% instead.


 60.1902, 0.4412,
0.4264


 60.1902, 0.4412,
0.4264


425.2985, 0.3825,
0.3849


 43.5720, 0.4535,
0.4342


 105.1055, 0.4215,
0.4132


 30.3341, 0.4679,
0.4426


 134.1714, 0.4136,
0.4077

 20.0923, 0.4845,
0.4513


 168.1553, 0.4067,
0.4028

 12.4622, 0.5031,
0.4592

 207.4416, 0.4007,
0.3984

 7.0593, 0.5300,
0.4700

252.4146, 0.3953,
0.3945

 3.4992, 0.5408,
0.4592

303.4589, 0.3906,

 1.3976, 0.5589,

0.3909

0.4411

360.9587, 0.3863,
0.3878

0.2149, 0.6994,
0.3006

0.0000, 0.0000,
0.0000

60.1902, 0.4412,
0.4264

60.1902, 0.4412,
0.4264

55.6426, 0.4632,
0.4351

65.1786, 0.4182,
0.4141

51.5060, 0.4831,
0.4389

70.6179, 0.3954,
0.3992

47.7586, 0.4998,
0.4375

76.5280, 0.3736,
0.3831

45.5204, 0.5089,
0.4341

82.9250, 0.3533,
0.3665

89.8236, 0.3348,
0.3501

97.2380, 0.3181,
0.3343

99.9956, 0.3127,
0.3290

Harmonies

Analogous

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



60.1902, 0.4629, 0.3727



60.1902, 0.4412, 0.4264



60.1902, 0.3857, 0.4637

Triad

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



60.1902, 0.4412, 0.4264



60.1902, 0.1997, 0.3222



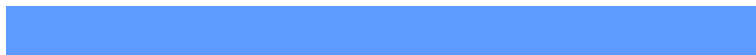
60.1902, 0.2961, 0.2315

Complementary

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



60.1902, 0.4412, 0.4264



32.9732, 0.2060, 0.1982

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.



60.1902, 0.2321, 0.2149



60.1902, 0.4412, 0.4264



60.1902, 0.1823, 0.2572

Square

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



60.1902, 0.4412, 0.4264



60.1902, 0.2463, 0.4029



60.1902, 0.1935, 0.2222



60.1902, 0.3736, 0.2676

Rectangle

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



60.1902, 0.4412, 0.4264



60.1902, 0.3387, 0.4672



60.1902, 0.1935, 0.2222



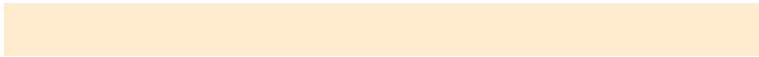
60.1902, 0.2723, 0.2235

Sweetspot

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



60.1932, 0.4412, 0.4264



86.0033, 0.3447, 0.3590



31.4530, 0.4367, 0.2689



17.9917, 0.3501, 0.3637



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.



60.1932, 0.4412, 0.4264



54.5935, 0.4684, 0.4365



90.1420, 0.3881, 0.4835



19.8551, 0.3279, 0.3437



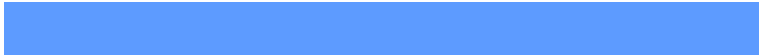
24.0879, 0.5070, 0.4356



2.5567, 0.4943, 0.4457

Inverse Universe

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



32.9732, 0.2060, 0.1982



25.6390, 0.1883, 0.1683



18.4840, 0.1991, 0.1286



18.5167, 0.2979, 0.3139



8.5582, 0.1669, 0.1208



1.0366, 0.1731, 0.1432

Previews

White Background



This preview shows how the Yxy color 60.1902, 0.4412, 0.4264 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 60.1902, 0.4412, 0.4264 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 60.1902, 0.4412, 0.4264

Background



This preview shows how black text looks on a background with the Yxy color 60.1902, 0.4412, 0.4264.



This preview shows how white text looks on a background with the Yxy color 60.1902, 0.4412, 0.4264.

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

60.1902, 0.4412, 0.4264

Protanopia

60.2175, 0.4072, 0.4449

Deuteranopia

60.0693, 0.4380, 0.4285



Tritanopia

59.9891, 0.3625, 0.3167

Trichromacy



Original Color

60.1902, 0.4412, 0.4264

Protanomaly

60.1576, 0.4196, 0.4376

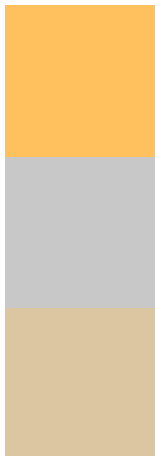
Deuteranomaly

60.2565, 0.4389, 0.4281

Tritanomaly

59.7296, 0.3943, 0.3596

Monochromacy



Original Color

60.1902, 0.4412, 0.4264

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7214, 0.3595, 0.3711

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1902, 0.4412, 0.4264 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 93) }
```

Border

The CSS property to change the border of an element to Yxy 60.1902, 0.4412, 0.4264 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, 93) }
```

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

```
.border{ border-color:rgb(255, 193, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1902, 0.4412, 0.4264 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, 93) }
```

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

```
.background{ background-color: rgb(255,  
193, 93) }
```

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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