

Converting Colors

Yxy(61.6953, 0.4644, 0.4655)

Have a look what the booklet for
Yxy(61.6953, 0.4644, 0.4655)
contains.

Yxy(61.6952, 0.4644, 0.4655)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.6952, 0.4644, 0.4655)

Conversions

Conversions Part 1

Format	Color
Hex	FFC613
RGB	255, 198, 19
RGB Percent	100%, 78%, 7%
CMY	0.0001, 0.2235, 0.9245
CMYK	0.00, 0.22, 0.92, 0.00
HSL	45°, 100%, 54%
HSV	45°, 92%, 100%
XYZ	61.5494, 61.6952, 9.2907
YIQ	194.6370, 91.4310, -43.5850

Conversions

Conversions Part 2

Format	Color
R_{YB}	94, 255, 19
Decimal	16762387
CIE _{Lab}	82.75, 6.93, 82.21
CIE _{LCh}	83, 82.502, 85.183
Yxy	61.6952, 0.4644, 0.4655
Android (android.graphics.Color)	4294952467 (0xFFFFC613)
YUV	194.6370, -86.5890, 52.9384
Hunter-Lab	78.5463, 2.4178, 47.9694

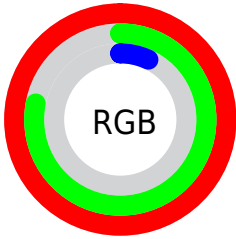
Details

The Yxy color **61.6952, 0.4644, 0.4655** is a light color, and the websafe version is hex **FFCC00**.

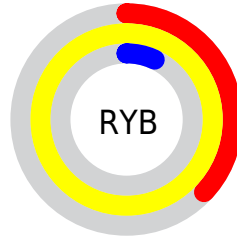
The color can be described as light washed yellow. A complement of this color would be **12.5588, 0.1617, 0.0971**, and the grayscale version is **54.8478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8990, 0.4026, 0.4760**, and **31.5883, 0.4716, 0.4638** is the 20% darker color. If you saturate the color by 10%, you get **59.5566, 0.4708, 0.4644**, and if you desaturate by 10%, it is **64.7129, 0.4535, 0.4634**.

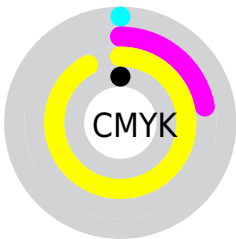
Distribution



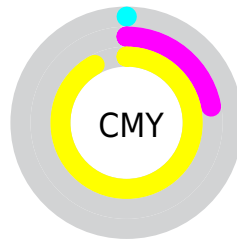
- Red (100%)
- Green (78%)
- Blue (7%)



- Red (37%)
- Yellow (100%)
- Blue (7%)



- Cyan (0%)
- Magenta (22%)
- Yellow (92%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6952, 0.4644, 0.4655 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 61.6952, 0.4644, 0.4655 by changing the saturation by 10% instead.


 61.6952, 0.4644,
0.4655

 61.6952, 0.4644,
0.4655


430.8184, 0.4013,
0.4116


 44.7865, 0.4752,
0.4737


 107.2849, 0.4452,
0.4498

 31.2893, 0.4863,
0.4815


 136.7346, 0.4368,
0.4428


 20.8192, 0.4974,
0.4883


 171.1335, 0.4293,
0.4363

 12.9919, 0.5075,
0.4925

 210.8659, 0.4225,
0.4305

 7.4230, 0.5116,
0.4884

 256.3161, 0.4164,
0.4251

 3.7280, 0.5178,
0.4822

 307.8687, 0.4109,

 1.5226, 0.5281,

0.4202

0.4719

365.9080, 0.4059,
0.4157

■ 0.3046, 0.6009,
0.3991

■ 0.0000, 0.0000,
0.0000

■ 61.6952, 0.4644,
0.4655

■ 61.6952, 0.4644,
0.4655


■ 59.5566, 0.4708,
0.4644

■ 64.7129, 0.4535,
0.4634


■ 67.9617, 0.4396,
0.4563


■ 71.4645, 0.4233,
0.4447


■ 75.2379, 0.4053,
0.4295

 79.2965, 0.3865,
0.4117

 83.6534, 0.3677,
0.3923

 88.3206, 0.3495,
0.3724

 93.3093, 0.3324,
0.3526

 98.6298, 0.3164,
0.3335

Harmonies

Analogous

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



61.6952, 0.5127, 0.3937



61.6952, 0.4644, 0.4655



61.6952, 0.3810, 0.5190

Triad

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



61.6952, 0.4644, 0.4655



61.6952, 0.1548, 0.2904



61.6952, 0.3119, 0.2107

Complementary

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



61.6952, 0.4644, 0.4655



12.5588, 0.1617, 0.0971

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.



61.6952, 0.2213, 0.1836



61.6952, 0.4644, 0.4655



61.6952, 0.1440, 0.2154

Square

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



61.6952, 0.4644, 0.4655



61.6952, 0.2029, 0.4064



61.6952, 0.1659, 0.1833



61.6952, 0.4202, 0.2603

Rectangle

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



61.6952, 0.4644, 0.4655



61.6952, 0.3175, 0.5206



61.6952, 0.1659, 0.1833



61.6952, 0.2782, 0.1989

Sweetspot

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



61.6983, 0.4644, 0.4655



85.7041, 0.3595, 0.3835



22.2838, 0.5758, 0.2994



17.9209, 0.3675, 0.3921



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.



61.6983, 0.4644, 0.4655



59.5644, 0.4708, 0.4644



83.3008, 0.3770, 0.5355



20.3030, 0.3275, 0.3469



31.3684, 0.4698, 0.4652



3.2237, 0.4628, 0.4707

Inverse Universe

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



12.5588, 0.1617, 0.0971



10.6250, 0.1568, 0.0843



9.3203, 0.1701, 0.0740



18.0905, 0.2979, 0.3104



5.7439, 0.1575, 0.0868



0.7206, 0.1632, 0.1074

Previews

White Background



This preview shows how the Yxy color 61.6952, 0.4644, 0.4655 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 61.6952, 0.4644, 0.4655 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 61.6952, 0.4644, 0.4655

Background



This preview shows how black text looks on a background with the Yxy color 61.6952, 0.4644, 0.4655.



This preview shows how white text looks on a background with the Yxy color 61.6952, 0.4644, 0.4655.

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

61.6952, 0.4644, 0.4655

Protanopia

62.0111, 0.4384, 0.4848

Deuteranopia

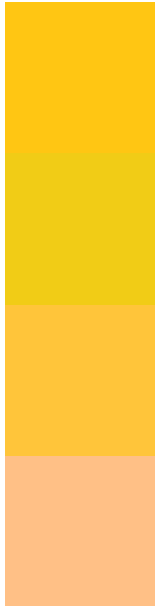
61.7717, 0.4455, 0.4392



Tritanopia

61.8253, 0.3590, 0.3177

Trichromacy



Original Color

61.6952, 0.4644, 0.4655

Protanomaly

61.9444, 0.4476, 0.4779

Deuteranomaly

61.4980, 0.4554, 0.4519

Tritanomaly

60.6805, 0.4129, 0.3891

Monochromacy



Original Color

61.6952, 0.4644, 0.4655

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.8703, 0.3806, 0.4054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6952, 0.4644, 0.4655 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, 198, 19)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 19)  
}
```

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, 198, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 19) }
```

Border

The CSS property to change the border of an element to Yxy 61.6952, 0.4644, 0.4655 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, 198, 19) }
```

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

```
.border{ border-color:rgb(255, 198, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 19);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6952, 0.4644, 0.4655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 19) }
```

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

```
.background{ background-color: rgb(255,  
198, 19) }
```

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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