

Converting Colors

Yxy(62.4531, 0.4612, 0.4720)

Have a look what the booklet for
Yxy(62.4531, 0.4612, 0.4720)
contains.

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Color

Yxy(62.4687, 0.4612, 0.4720)

Conversions

Conversions Part 1

Format	Color
Hex	FCC900
RGB	252, 201, 0
RGB Percent	99%, 79%, 0%
CMY	0.0117, 0.2118, 0.9999
CMYK	0.00, 0.20, 1.00, 0.01
HSL	48°, 100%, 49%
HSV	48°, 100%, 99%
XYZ	61.0393, 62.4687, 8.8409
YIQ	193.3350, 94.9170, -51.6990

Conversions

Conversions Part 2

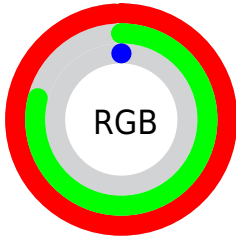
Format	Color
RYB	64, 252, 0
Decimal	16566528
CIELab	83.16, 3.96, 84.36
CIELCh	83, 84.457, 87.314
Yxy	62.4687, 0.4612, 0.4720
Android (android.graphics.Color)	4294756608 (0xFFFC900)
YUV	193.3350, -95.3142, 51.4492
Hunter-Lab	79.0371, -0.4618, 48.6940

Details

The Yxy color **62.4687, 0.4612, 0.4720** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **9.4040, 0.1549, 0.0776**, and the grayscale version is **54.0722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4519, 0.4038, 0.4797**, and **32.1270, 0.4648, 0.4692** is the 20% darker color. If you saturate the color by 10%, you get **62.4682, 0.4612, 0.4720**, and if you desaturate by 10%, it is **64.9623, 0.4538, 0.4722**.

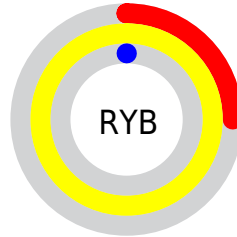
Distribution



Red (99%)

Green (79%)

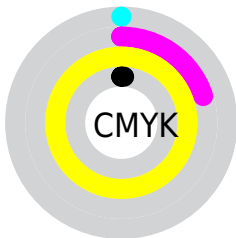
Blue (0%)



Red (25%)

Yellow (99%)

Blue (0%)

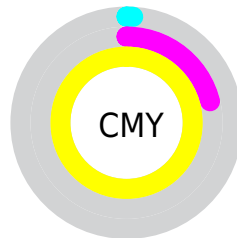


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (21%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4687, 0.4612, 0.4720 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 62.4687, 0.4612, 0.4720 by changing the saturation by 10% instead.


 62.4687, 0.4612,
0.4720


 62.4687, 0.4612,
0.4720


433.6387, 0.4005,
0.4153

 45.4115, 0.4712,
0.4807


 108.4026, 0.4430,
0.4555


 31.7817, 0.4812,
0.4891


 138.0482, 0.4350,
0.4481

 21.1948, 0.4912,
0.4968


 172.6587, 0.4278,
0.4413

 13.2665, 0.4989,
0.5011

 212.6185, 0.4212,
0.4351

 7.6123, 0.5012,
0.4988

 258.3120, 0.4153,
0.4294

 3.8479, 0.5047,
0.4953

 310.1236, 0.4099,

 1.5888, 0.5105,

0.4243

0.4895

368.4377, 0.4050,
0.4196

■ 0.3501, 0.5509,
0.4491

■ 0.0000, 0.0000,
0.0000

■ 62.4687, 0.4612,
0.4720

■ 62.4687, 0.4612,
0.4720

■ 62.4682, 0.4612,
0.4720

■ 64.9623, 0.4538,
0.4722

■ 67.6244, 0.4436,
0.4681

■ 70.4869, 0.4306,
0.4593

■ 73.5676, 0.4152,
0.4462

■ 76.8817, 0.3981,
0.4295

■ 80.4424, 0.3803,
0.4105

■ 84.2616, 0.3623,
0.3902

■ 88.3504, 0.3448,
0.3694

■ 92.7187, 0.3282,
0.3488

Harmonies

Analogous

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



62.4687, 0.5142, 0.3991



62.4687, 0.4612, 0.4720



62.4687, 0.3748, 0.5244

Triad

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



62.4687, 0.4612, 0.4720



62.4687, 0.1504, 0.2823



62.4687, 0.3194, 0.2118

Complementary

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



62.4687, 0.4612, 0.4720



9.4040, 0.1549, 0.0776

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.



62.4687, 0.2252, 0.1826



62.4687, 0.4612, 0.4720



62.4687, 0.1421, 0.2098

Square

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



62.4687, 0.4612, 0.4720



62.4687, 0.1961, 0.3990



62.4687, 0.1665, 0.1801



62.4687, 0.4296, 0.2633

Rectangle

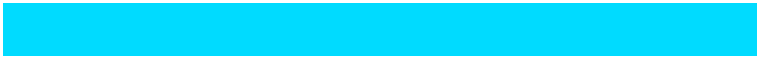
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.4687, 0.4612, 0.4720



62.4687, 0.3101, 0.5225



62.4687, 0.1665, 0.1801



62.4687, 0.2845, 0.1993

Sweetspot

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



62.4718, 0.4612, 0.4720



86.5250, 0.3624, 0.3903



20.9738, 0.6070, 0.3118



18.1587, 0.3699, 0.3989



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.



62.4718, 0.4612, 0.4720



64.1411, 0.4612, 0.4720



79.4176, 0.3692, 0.5451



19.5585, 0.3274, 0.3478



32.7482, 0.4604, 0.4727



3.1789, 0.4545, 0.4773

Inverse Universe

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



9.4040, 0.1549, 0.0776



9.6442, 0.1549, 0.0776



8.3869, 0.1666, 0.0692



17.2122, 0.2979, 0.3095



5.0611, 0.1555, 0.0799



0.6117, 0.1612, 0.1002

Previews

White Background



This preview shows how the Yxy color 62.4687, 0.4612, 0.4720 looks on a white background.

Color Contrast Check

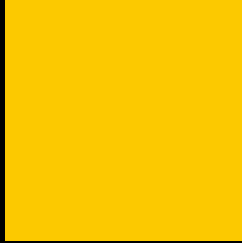
Large Text (above 18pt) WCAG AA × Fail

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 62.4687, 0.4612, 0.4720 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 62.4687, 0.4612, 0.4720

Background



This preview shows how black text looks on a background with the Yxy color 62.4687, 0.4612, 0.4720.

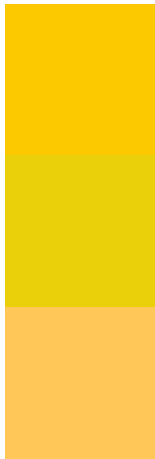


This preview shows how white text looks on a background with the Yxy color 62.4687, 0.4612, 0.4720.

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

62.4687, 0.4612, 0.4720

Protanopia

62.6283, 0.4397, 0.4870

Deuteranopia

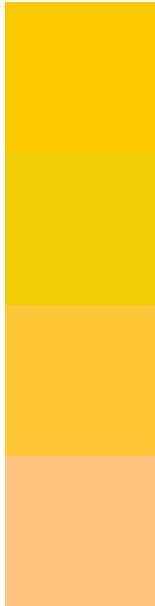
62.3527, 0.4404, 0.4346



Tritanopia

62.3512, 0.3572, 0.3167

Trichromacy



Original Color

62.4687, 0.4612, 0.4720

Protanomaly

62.3788, 0.4483, 0.4809

Deuteranomaly

62.2032, 0.4536, 0.4551

Tritanomaly

61.2394, 0.4149, 0.3962

Monochromacy



Original Color

62.4687, 0.4612, 0.4720

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

55.2061, 0.3839, 0.4152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4687, 0.4612, 0.4720 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(252, 201, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 201, 0)  
}
```

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(252, 201, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 201, 0) }
```

Border

The CSS property to change the border of an element to Yxy 62.4687, 0.4612, 0.4720 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(252, 201, 0) }
```

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

```
.border{ border-color:rgb(252, 201, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 201, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 201, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 201, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 201,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4687, 0.4612, 0.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 201, 0) }
```

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

```
.background{ background-color: rgb(252,  
201, 0) }
```

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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