

Converting Colors

Yxy(61.5390, 0.4518, 0.4746)

Have a look what the booklet for
Yxy(61.5390, 0.4518, 0.4746)
contains.

Yxy(61.5321, 0.4518, 0.4746)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.5321, 0.4518, 0.4746)

Conversions

Conversions Part 1

Format	Color
Hex	F4CA16
RGB	244, 202, 22
RGB Percent	96%, 79%, 9%
CMY	0.0431, 0.2078, 0.9142
CMYK	0.00, 0.17, 0.91, 0.04
HSL	49°, 91%, 52%
HSV	49°, 91%, 96%
XYZ	58.5761, 61.5321, 9.5423
YIQ	194.0380, 82.8120, -47.0760

Conversions

Conversions Part 2

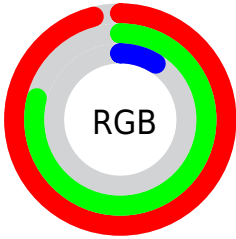
Format	Color
R _Y B	74, 244, 22
Decimal	16042518
CIE Lab	82.66, 0.22, 81.27
CIE LCh	83, 81.274, 89.843
Yxy	61.5321, 0.4518, 0.4746
Android (android.graphics.Color)	4294232598 (0xFFFF4CA16)
YUV	194.0380, -84.8147, 43.8167
Hunter-Lab	78.4424, -3.9811, 47.6972

Details

The Yxy color **61.5321, 0.4518, 0.4746** is a light color, and the websafe version is hex **FFCC00**, and the color name is **jonquil**. The color can be described as light washed yellow. A complement of this color would be **10.3570, 0.1601, 0.0897**, and the grayscale version is **54.4428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5703, 0.4013, 0.4755**, and **31.2471, 0.4577, 0.4748** is the 20% darker color. If you saturate the color by 10%, you get **59.5609, 0.4580, 0.4746**, and if you desaturate by 10%, it is **63.8754, 0.4424, 0.4708**.

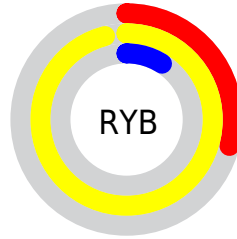
Distribution



Red (96%)

Green (79%)

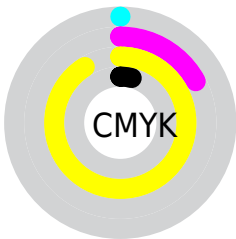
Blue (9%)



Red (29%)

Yellow (96%)

Blue (9%)

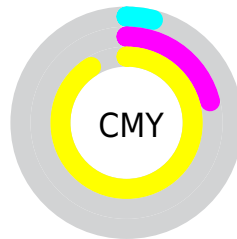


Cyan (0%)

Magenta (17%)

Yellow (91%)

Black (4%)



Cyan (4%)


Magenta (21%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5321, 0.4518, 0.4746 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 61.5321, 0.4518, 0.4746 by changing the saturation by 10% instead.


 61.5321, 0.4518,
0.4746

 61.5321, 0.4518,
0.4746

430.2223, 0.3946,
0.4148


 44.6547, 0.4613,
0.4845


 107.0490, 0.4345,
0.4566

 31.1856, 0.4709,
0.4945


 136.4573, 0.4270,
0.4487


 20.7402, 0.4800,
0.5038


 170.8114, 0.4202,
0.4416

 12.9342, 0.4880,
0.5120

 210.4957, 0.4140,
0.4351

 7.3833, 0.4881,
0.5119

 255.8945, 0.4084,
0.4293

 3.7029, 0.4883,
0.5117

 307.3923, 0.4033,

 1.5088, 0.4886,

0.4240

0.5114

365.3734, 0.3988,
0.4192

■ 0.2949, 0.4921,
0.5079

■ 0.0000, 0.0000,
0.0000

■ 61.5321, 0.4518,
0.4746

■ 61.5321, 0.4518,
0.4746


■ 59.5609, 0.4580,
0.4746

■ 63.8754, 0.4424,
0.4708


■ 66.3904, 0.4302,
0.4622

■ 69.0968, 0.4154,
0.4492


■ 72.0086, 0.3990,
0.4327

 75.1380, 0.3815,
0.4137

 78.4960, 0.3638,
0.3932

 82.0928, 0.3464,
0.3721

 85.9376, 0.3298,
0.3512

 90.0392, 0.3143,
0.3310

Harmonies

Analogous

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



61.5321, 0.5063, 0.4046



61.5321, 0.4518, 0.4746



61.5321, 0.3663, 0.5200

Triad

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



61.5321, 0.4518, 0.4746



61.5321, 0.1526, 0.2765



61.5321, 0.3283, 0.2183

Complementary

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



61.5321, 0.4518, 0.4746



10.3570, 0.1601, 0.0897

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.



61.5321, 0.2342, 0.1876



61.5321, 0.4518, 0.4746



61.5321, 0.1471, 0.2094

Square

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



61.5321, 0.4518, 0.4746



61.5321, 0.1944, 0.3865



61.5321, 0.1737, 0.1831



61.5321, 0.4342, 0.2703

Rectangle

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



61.5321, 0.4518, 0.4746



61.5321, 0.3031, 0.5122



61.5321, 0.1737, 0.1831



61.5321, 0.2939, 0.2054

Sweetspot

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



61.5351, 0.4518, 0.4746



88.3031, 0.3568, 0.3849



20.2019, 0.5859, 0.3067



18.6147, 0.3628, 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.



61.5351, 0.4518, 0.4746



65.7755, 0.4581, 0.4745



74.1576, 0.3695, 0.5402



18.7495, 0.3273, 0.3481



32.5731, 0.4572, 0.4752



2.9971, 0.4516, 0.4796

Inverse Universe

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



10.3570, 0.1601, 0.0897



9.3526, 0.1543, 0.0755



9.2024, 0.1781, 0.0792



16.4338, 0.2979, 0.3092



4.7658, 0.1550, 0.0779



0.5536, 0.1608, 0.0988

Previews

White Background



This preview shows how the Yxy color 61.5321, 0.4518, 0.4746 looks on a white background.

Color Contrast Check

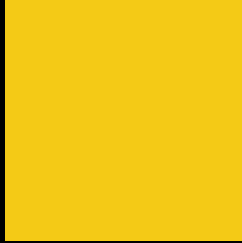
Large Text (above 18pt) WCAG AA × Fail

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 61.5321, 0.4518, 0.4746 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 61.5321, 0.4518, 0.4746

Background



This preview shows how black text looks on a background with the Yxy color 61.5321, 0.4518, 0.4746.



This preview shows how white text looks on a background with the Yxy color 61.5321, 0.4518, 0.4746.

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

61.5321, 0.4518, 0.4746

Protanopia

61.3644, 0.4383, 0.4845

Deuteranopia

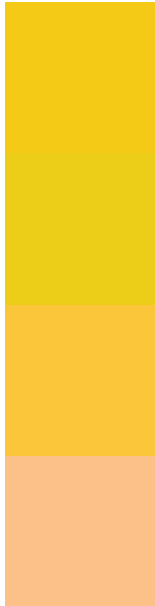
61.2899, 0.4473, 0.4397



Tritanopia

61.4907, 0.3576, 0.3146

Trichromacy



Original Color

61.5321, 0.4518, 0.4746

Protanomaly

61.5574, 0.4425, 0.4815

Deuteranomaly

61.2029, 0.4514, 0.4548

Tritanomaly

60.4553, 0.4067, 0.3880

Monochromacy



Original Color

61.5321, 0.4518, 0.4746

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.5682, 0.3758, 0.4077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5321, 0.4518, 0.4746 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(244, 202, 22)` looks like.

```
.text, #text, p{  
    color:rgb(244, 202, 22)  
}
```

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(244, 202, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 202, 22) }
```

Border

The CSS property to change the border of an element to Yxy 61.5321, 0.4518, 0.4746 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(244, 202, 22) }
```

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

```
.border{ border-color:rgb(244, 202, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 202, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 202, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 202, 22);  
box-shadow:4px 4px 4px 4px rgb(244, 202,  
22) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5321, 0.4518, 0.4746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 202, 22) }
```

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

```
.background{ background-color: rgb(244,  
202, 22) }
```

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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