

Converting Colors

Yxy(60.9863, 0.4623, 0.4593)

Have a look what the booklet for
Yxy(60.9863, 0.4623, 0.4593)
contains.

Yxy(60.8798, 0.4627, 0.4593)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.8798, 0.4627, 0.4593)

Conversions

Conversions Part 1

Format	Color
Hex	FFC426
RGB	255, 196, 38
RGB Percent	100%, 77%, 15%
CMY	0.0000, 0.2314, 0.8516
CMYK	0.00, 0.23, 0.85, 0.00
HSL	44°, 100%, 57%
HSV	44°, 85%, 100%
XYZ	61.3305, 60.8798, 10.3388
YIQ	195.6290, 85.8820, -36.6300

Conversions

Conversions Part 2

Format	Color
R _Y B	119, 255, 38
Decimal	16761894
CIE Lab	82.31, 8.30, 78.26
CIE LCh	82, 78.702, 83.948
Yxy	60.8798, 0.4627, 0.4593
Android (android.graphics.Color)	4294951974 (0xFFFFC426)
YUV	195.6290, -77.7111, 52.0684
Hunter-Lab	78.0255, 3.7619, 46.7616

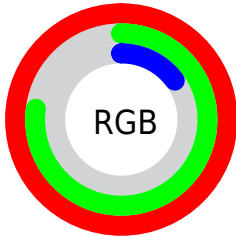
Details

The Yxy color **60.8798, 0.4627, 0.4593** is a light color, and the websafe version is hex **FFCC33**.

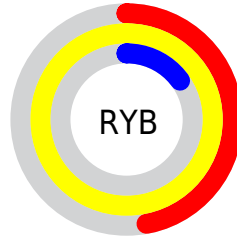
The color can be described as light washed yellow. A complement of this color would be **16.1498, 0.1702, 0.1190**, and the grayscale version is **55.3946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8009, 0.4002, 0.4689**, and **30.9824, 0.4741, 0.4617** is the 20% darker color. If you saturate the color by 10%, you get **57.7158, 0.4739, 0.4595**, and if you desaturate by 10%, it is **64.3029, 0.4483, 0.4541**.

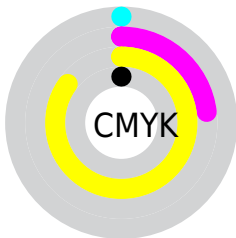
Distribution



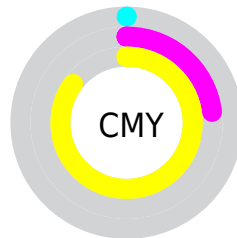
- Red (100%)
- Green (77%)
- Blue (15%)



- Red (47%)
- Yellow (100%)
- Blue (15%)



- Cyan (0%)
- Magenta (23%)
- Yellow (85%)
- Black (0%)




- Cyan (0%)
- Magenta (23%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8798, 0.4627, 0.4593 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 60.8798, 0.4627, 0.4593 by changing the saturation by 10% instead.

 60.8798, 0.4627,
0.4593

 60.8798, 0.4627,
0.4593

427.8331, 0.3990,
0.4072


 44.1282, 0.4741,
0.4675

 106.1049, 0.4429,
0.4439


 30.7713, 0.4861,
0.4755


 135.3471, 0.4344,
0.4371


 20.4247, 0.4981,
0.4822


 169.5217, 0.4269,
0.4309

 12.7042, 0.5117,
0.4883

 209.0130, 0.4201,
0.4252

 7.2252, 0.5166,
0.4834

 254.2053, 0.4140,
0.4200

 3.6033, 0.5240,
0.4760

 305.4832, 0.4085,

 1.4542, 0.5366,

0.4154

0.4634

363.2310, 0.4035,
0.4111

■ 0.2562, 0.6352,
0.3648

■ 0.0000, 0.0000,
0.0000

■ 60.8798, 0.4627,
0.4593

■ 60.8798, 0.4627,
0.4593

■ 57.7158, 0.4739,
0.4595

■ 64.3029, 0.4483,
0.4541

■ 56.2609, 0.4785,
0.4583

■ 68.0031, 0.4314,
0.4441

■ 71.9995, 0.4127,
0.4303

■ 76.3078, 0.3932,
0.4136

■ 80.9420, 0.3737,
0.3952

■ 85.9149, 0.3548,
0.3760

■ 91.2383, 0.3371,
0.3568

■ 96.9233, 0.3206,
0.3382

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.



60.8798, 0.5063, 0.3902



60.8798, 0.4627, 0.4593



60.8798, 0.3835, 0.5105

Triad

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



60.8798, 0.4627, 0.4593



60.8798, 0.1613, 0.2966



60.8798, 0.3081, 0.2131

Complementary

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



60.8798, 0.4627, 0.4593



16.1498, 0.1702, 0.1190

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.



60.8798, 0.2218, 0.1877



60.8798, 0.4627, 0.4593



60.8798, 0.1491, 0.2220

Square

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



60.8798, 0.4627, 0.4593



60.8798, 0.2101, 0.4079



60.8798, 0.1691, 0.1888



60.8798, 0.4119, 0.2606

Rectangle

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



60.8798, 0.4627, 0.4593



60.8798, 0.3223, 0.5129



60.8798, 0.1691, 0.1888



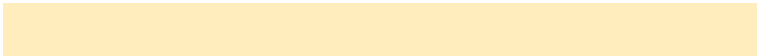
60.8798, 0.2760, 0.2019

Sweetspot

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



60.8811, 0.4627, 0.4593



85.4824, 0.3564, 0.3776



23.5446, 0.5399, 0.2876



17.9219, 0.3628, 0.3843



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.



60.8811, 0.4627, 0.4593



56.2609, 0.4785, 0.4583



85.0617, 0.3831, 0.5246



20.2069, 0.3276, 0.3462



29.6586, 0.4773, 0.4592



3.0694, 0.4691, 0.4657

Inverse Universe

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



16.1498, 0.1702, 0.1190



11.5105, 0.1584, 0.0903



10.5231, 0.1750, 0.0819



18.1806, 0.2979, 0.3112



6.2249, 0.1592, 0.0930



0.7782, 0.1651, 0.1143

Previews

White Background



This preview shows how the Yxy color 60.8798, 0.4627, 0.4593 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 60.8798, 0.4627, 0.4593 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 60.8798, 0.4627, 0.4593

Background



This preview shows how black text looks on a background with the Yxy color 60.8798, 0.4627, 0.4593.



This preview shows how white text looks on a background with the Yxy color 60.8798, 0.4627, 0.4593.

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

60.8798, 0.4627, 0.4593

Protanopia

61.2847, 0.4342, 0.4802

Deuteranopia

60.7451, 0.4516, 0.4432



Tritanopia

60.8779, 0.3612, 0.3177

Trichromacy



Original Color

60.8798, 0.4627, 0.4593

Protanomaly

60.9128, 0.4452, 0.4722

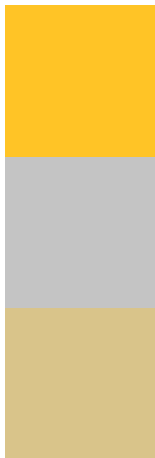
Deuteranomaly

60.6060, 0.4568, 0.4498

Tritanomaly

59.9804, 0.4092, 0.3812

Monochromacy



Original Color

60.8798, 0.4627, 0.4593

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.0665, 0.3753, 0.3974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8798, 0.4627, 0.4593 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, 196, 38)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 38)  
}
```

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, 196, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 38) }
```

Border

The CSS property to change the border of an element to Yxy 60.8798, 0.4627, 0.4593 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, 196, 38) }
```

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

```
.border{ border-color:rgb(255, 196, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 38);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8798, 0.4627, 0.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 38) }
```

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

```
.background{ background-color: rgb(255,  
196, 38) }
```

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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