

Converting Colors

YUV(88.3420, -38.6226,
68.1061)

Have a look what the booklet for
YUV(88.3420, -38.6226, 68.1061)
contains.

YUV(88.3420, -38.6226, 68.1061)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(88.3420, -38.6226,
68.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	A6400A
RGB	166, 64, 10
RGB Percent	65%, 25%, 4%
CMY	0.3490, 0.7490, 0.9608
CMYK	0.00, 0.61, 0.94, 0.35
HSL	21°, 89%, 35%
HSV	21°, 94%, 65%
XYZ	17.6141, 11.7957, 1.6356
YIQ	88.3420, 78.1260, 4.8300

Conversions

Conversions Part 2

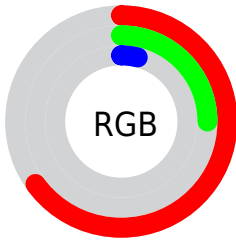
Format	Color
R _Y B	166, 93, 10
Decimal	10895370
CIE Lab	40.89, 39.85, 48.74
CIE LCh	41, 62.956, 50.728
Yxy	11.7957, 0.5674, 0.3800
Android (android.graphics.Color)	4289085450 (0xFFA6400A)
YUV	88.3420, -38.6226, 68.1061
Hunter-Lab	34.3449, 31.4418, 21.2179

Details

The YUV color **88.3420, -38.6226, 68.1061** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **87.6580, 38.6226, -68.1061**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6310, -40.2441, 74.8686**, and **36.3900, -17.9403, 61.0480** is the 20% darker color. If you saturate the color by 10%, you get **83.0930, -40.9648, 72.7094**, and if you desaturate by 10%, it is **96.7370, -34.3803, 60.7437**.

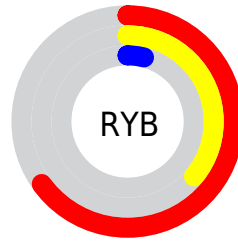
Distribution



Red (65%)

Green (25%)

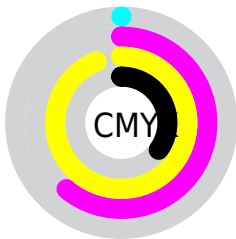
Blue (4%)



Red (65%)

Yellow (36%)

Blue (4%)

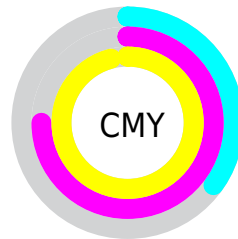


Cyan (0%)

Magenta (61%)

Yellow (94%)

Black (35%)



Cyan (35%)


Magenta (75%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 88.3420, -38.6226, 68.1061 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 YUV color 88.3420, -38.6226, 68.1061 by changing the saturation by 10% instead.


 88.3420, -38.6226,
68.1061


 88.3420, -38.6226,
68.1061


 254.3160, -2.6208,
0.5999


 62.9700, -31.0442,
64.0473


 142.6310,
-40.2441, 74.8686


 36.3900, -17.9403,
61.0480


 169.4030,
-41.1177, 75.0686


 23.0230, -11.3503,
47.3378


 188.1020,
-38.0113, 58.6695

 15.3630, -7.0810,
31.2536

 207.5020,
-34.7575, 41.6557


 0.5980, -0.2948,
1.2296


 227.0160,
-31.0669, 24.5420


 0.0000, 0.0000,
0.0000


 247.2310,


-27.2289, 6.8134


 251.0100,
-15.2879, 3.4992


 88.3420, -38.6226,
68.1061


 88.3420, -38.6226,
68.1061


 83.0930, -40.9648,
72.7094

 96.7370, -34.3803,
60.7437

 105.0180,
-30.5749, 53.4812

 113.4130,
-26.3326, 46.1188

 121.1070,
-22.2378, 39.3712

 129.5020,
-17.9955, 32.0087

■ 137.8970,
-13.7532, 24.6463

■ 146.1780, -9.9478,
17.3839

■ 154.5730, -5.7055,
10.0215

■ 162.8540, -1.9000,
2.7590

Harmonies

Analogous

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



82.8570, -9.2965, 88.7024



88.3420, -38.6226, 68.1061



91.4120, -45.0661, 34.7187

Triad

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



88.3420, -38.6226, 68.1061



78.1580, -0.0779, -68.5446



88.7000, 51.9129, -37.4479

Complementary

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



88.3420, -38.6226, 68.1061



87.6580, 38.6226, -68.1061

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.



86.0820, 55.6686, -75.4939



88.3420, -38.6226, 68.1061



84.9010, 23.2198, -74.4582

Square

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



88.3420, -38.6226, 68.1061



68.7250, -23.5284, -60.2718



88.1560, 43.3071, -77.3128



97.7220, 32.1821, 37.9548

Rectangle

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



88.3420, -38.6226, 68.1061



88.8990, -43.8272, 10.6126



88.1560, 43.3071, -77.3128



79.6250, 58.8519, -69.8311

Sweetspot

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



88.3420, -38.6226, 68.1061



186.5660, -15.0690, 26.6906



68.5000, 22.4315, 85.5075



90.9930, -9.3635, 16.6691



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3420, -38.6226, 68.1061



108.9080, -53.6916, 94.7967



132.9540, -60.6163, 28.9813



80.1530, -2.0474, 3.3738



74.1890, -36.5752, 64.7322



10.0890, -4.9739, 8.6919

Inverse Universe

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



87.6580, 38.6226, -68.1061



108.0920, 53.6916, -94.7967



43.0460, 60.6163, -28.9813



79.8470, 2.0474, -3.3738



73.8110, 36.5752, -64.7322



9.9110, 4.9739, -8.6919

Previews

White Background



This preview shows how the YUV color 88.3420, -38.6226, 68.1061 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 88.3420, -38.6226, 68.1061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 88.3420, -38.6226, 68.1061 Background



This preview shows how black text looks on a background with the YUV color 88.3420, -38.6226, 68.1061.



This preview shows how white text looks on a background with the YUV color 88.3420, -38.6226,

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

88.3420, -38.6226, 68.1061

Protanopia

92.6960, -35.8391, 15.1756

Deuteranopia

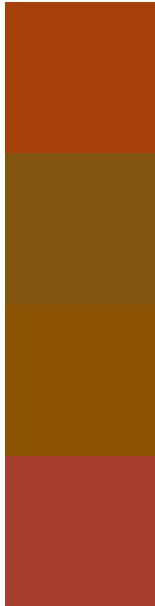
90.7810, -44.7550, 28.2561



Tritanopia

92.3350, -14.4622, 65.4812

Trichromacy



Original Color

88.3420, -38.6226, 68.1061

Protanomaly

91.1760, -37.0618, 34.0486

Deuteranomaly

90.1510, -42.4724, 42.8406

Tritanomaly

90.7560, -23.0507, 66.8660

Monochromacy



Original Color

88.3420, -38.6226, 68.1061

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8970, -13.7532, 24.6463

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3420, -38.6226, 68.1061 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(166, 64, 10)` looks like.

```
.text, #text, p{  
    color:rgb(166, 64, 10)  
}
```

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(166, 64, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 64, 10) }
```

Border

The CSS property to change the border of an element to YUV 88.3420, -38.6226, 68.1061 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(166, 64, 10) }
```


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

```
.border{ border-color:rgb(166, 64, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 64, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 64, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 64, 10);  
box-shadow:4px 4px 4px 4px rgb(166, 64,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 88.3420, -38.6226, 68.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 64, 10) }
```

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

```
.background{ background-color: rgb(166, 64,  
10) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor