

Converting Colors

YUV(38.4430, -11.5574,
67.1405)

Have a look what the booklet for
YUV(38.4430, -11.5574, 67.1405)
contains.

YUV(38.4430, -11.5574, 67.1405)	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(38.4430, -11.5574,
67.1405)**

Conversions

Conversions Part 1

Format	Color
Hex	73040F
RGB	115, 4, 15
RGB Percent	45%, 2%, 6%
CMY	0.5490, 0.9843, 0.9412
CMYK	0.00, 0.97, 0.87, 0.55
HSL	354°, 93%, 23%
HSV	354°, 97%, 45%
XYZ	7.1999, 3.7662, 0.7994
YIQ	38.4430, 62.6250, 26.9530

Conversions

Conversions Part 2

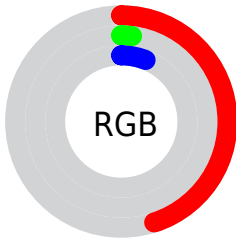
Format	Color
RYB	115, 4, 15
Decimal	7537679
CIELab	22.88, 43.96, 28.02
CIELCh	23, 52.131, 32.512
Yxy	3.7662, 0.6120, 0.3201
Android (android.graphics.Color)	4285727759 (0xFF73040F)
YUV	38.4430, -11.5574, 67.1405
Hunter-Lab	19.4066, 32.2622, 11.1423

Details

The YUV color **38.4430, -11.5574, 67.1405** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **80.5570, 11.5574, -67.1405**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.7930, -19.1249, 67.7105**, and **17.7550, -8.2602, 36.1719** is the 20% darker color. If you saturate the color by 10%, you get **35.6390, -12.1470, 69.5996**, and if you desaturate by 10%, it is **46.6270, -10.6621, 59.9631**.

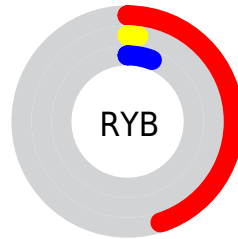
Distribution



Red (45%)

Green (2%)

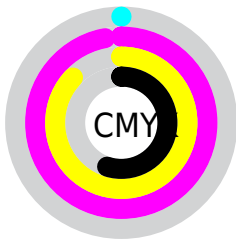
Blue (6%)



Red (45%)

Yellow (2%)

Blue (6%)

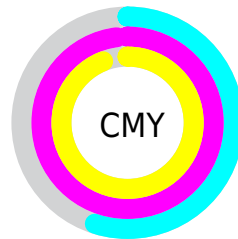


Cyan (0%)

Magenta (97%)

Yellow (87%)

Black (55%)



Cyan (55%)


Magenta (98%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 38.4430, -11.5574, 67.1405 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 38.4430, -11.5574, 67.1405 by changing the saturation by 10% instead.


 38.4430, -11.5574,
67.1405

 38.4430, -11.5574,
67.1405


 253.1760, -6.9888,
1.5996


 25.7140, -12.6770,
52.8708

 96.7930, -19.1249,
67.7105


 17.7550, -8.2602,
36.1719


 123.6470,
-21.0250, 70.4696

 7.8880, -3.3958,
15.8842

 151.2020,
-22.7776, 72.6138


 0.0000, 0.0000,
0.0000


 176.1800,
-22.7667, 69.1251


 194.9930,
-19.2235, 52.6261


 214.5070,


-15.5330, 35.5124


 234.7220,
-11.6949, 17.7838


 38.4430, -11.5574,
67.1405


 38.4430, -11.5574,
67.1405


 35.6390, -12.1470,
69.5996

 46.6270, -10.6621,
59.9631

 54.3380, -9.0406,
53.2006

 62.5220, -8.1453,
46.0232

 70.1190, -6.9607,
39.3606

 78.4170, -5.6286,
32.0833

■ 86.0140, -4.4439,
25.4207

■ 94.3120, -3.1118,
18.1434

■ 101.9090, -1.9271,
11.4808

■ 110.0930, -1.0318,
4.3034

Harmonies

Analogous

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



41.6230, 5.6089, 67.8596



38.4430, -11.5574, 67.1405



50.1240, -24.7111, 39.3563

Triad

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



38.4430, -11.5574, 67.1405



41.5120, -13.5634, -36.4060



49.9090, 41.4569, -43.7702

Complementary

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



38.4430, -11.5574, 67.1405



80.5570, 11.5574, -67.1405

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.



54.0520, 34.4844, -47.4036



38.4430, -11.5574, 67.1405



47.5880, 4.6401, -41.7347

Square

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



38.4430, -11.5574, 67.1405



44.7440, -22.0588, -18.1925



52.0340, 21.6752, -45.6338



53.9960, 33.0330, -1.7505

Rectangle

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



38.4430, -11.5574, 67.1405



52.0740, -25.6725, 20.9831



52.0340, 21.6752, -45.6338



52.1430, 39.8625, -45.7294

Sweetspot

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



38.4430, -11.5574, 67.1405



120.3130, -4.5913, 26.0355



46.5540, 33.7439, 50.3801



58.3010, -3.1064, 16.3990



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



38.4430, -11.5574, 67.1405



46.5600, -15.5591, 90.7169



63.0170, -29.0954, 45.5891



54.7940, -0.8844, 3.6887



37.8460, -12.7421, 73.8031



77.6000, -25.9318, 151.1948

Inverse Universe

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



38.4430, -11.5574, 67.1405



46.5600, -15.5591, 90.7169



55.9830, 29.0954, -45.5891



54.7940, -0.8844, 3.6887



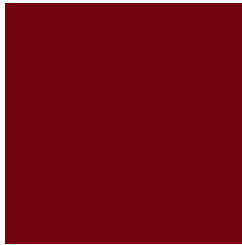
37.8460, -12.7421, 73.8031



77.6000, -25.9318, 151.1948

Previews

White Background



This preview shows how the YUV color 38.4430, -11.5574, 67.1405 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

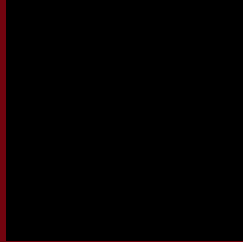
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.4430, -11.5574, 67.1405

Background



This preview shows how black text looks on a background with the YUV color 38.4430, -11.5574, 67.1405.



This preview shows how white text looks on a background with the YUV color 38.4430, -11.5574,

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

38.4430, -11.5574, 67.1405

Protanopia

56.3310, -15.4462, 7.6027

Deuteranopia

54.1120, -26.6772, 16.5648



Tritanopia

39.9560, -19.6983, 64.9366

Trichromacy



Original Color

38.4430, -11.5574, 67.1405

Protanomaly

49.5170, -14.0589, 29.3646

Deuteranomaly

48.0140, -21.2059, 35.0677

Tritanomaly

39.3520, -16.9355, 65.4663

Monochromacy



Original Color

38.4430, -11.5574, 67.1405

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.4160, -4.1491, 24.1912

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.4430, -11.5574, 67.1405 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(115, 4, 15)` looks like.

```
.text, #text, p{  
    color:rgb(115, 4, 15)  
}
```

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(115, 4, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 4, 15) }
```

Border

The CSS property to change the border of an element to YUV 38.4430, -11.5574, 67.1405 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(115, 4, 15) }
```


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

```
.border{ border-color:rgb(115, 4, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 4, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 4, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 4, 15);  
box-shadow:4px 4px 4px 4px rgb(115, 4, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.4430, -11.5574, 67.1405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 4, 15) }
```

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

```
.background{ background-color: rgb(115, 4,  
15) }
```

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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