

Converting Colors

YUV(38.9470, 10.8721, 59.6825)

Have a look what the booklet for
YUV(38.9470, 10.8721, 59.6825)
contains.

YUV(38.9470, 10.8721, 59.6825)	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(38.9470, 10.8721,
59.6825)**

Conversions

Conversions Part 1

Format	Color
Hex	6B003D
RGB	107, 0, 61
RGB Percent	42%, 0%, 24%
CMY	0.5804, 1.0000, 0.7608
CMYK	0.00, 1.00, 0.43, 0.58
HSL	326°, 100%, 21%
HSV	326°, 100%, 42%
XYZ	6.9057, 3.4627, 4.7193
YIQ	38.9470, 44.1910, 41.6550

Conversions

Conversions Part 2

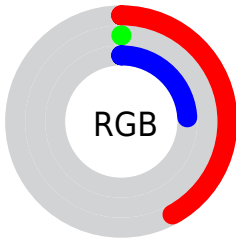
Format	Color
R_{YB}	107, 0, 61
Decimal	7012413
CIE Lab	21.81, 45.67, -5.07
CIE LCh	22, 45.947, 353.671
Yxy	3.4627, 0.4577, 0.2295
Android (android.graphics.Color)	4285202493 (0xFF6B003D)
YUV	38.9470, 10.8721, 59.6825
Hunter-Lab	18.6084, 33.6780, -2.0107

Details

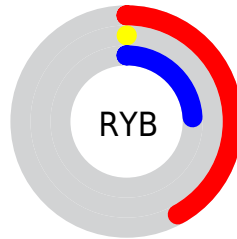
The YUV color **38.9470, 10.8721, 59.6825** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **68.0530, -10.8721, -59.6825**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.7310, 5.0626, 56.3639**, and **18.9100, 0.0444, 32.5279** is the 20% darker color. If you saturate the color by 10%, you get **38.9470, 10.8721, 59.6825**, and if you desaturate by 10%, it is **45.9740, 9.8728, 53.5198**.

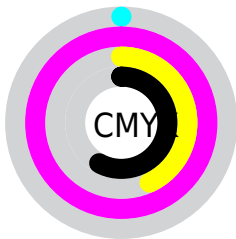
Distribution



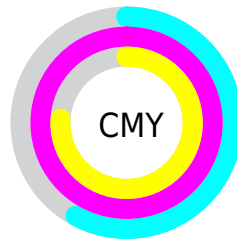
- Red (42%)
- Green (0%)
- Blue (24%)



- Red (42%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (58%)




- Cyan (58%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 38.9470, 10.8721, 59.6825 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 38.9470, 10.8721, 59.6825 by changing the saturation by 10% instead.


 38.9470, 10.8721,
59.6825


 38.9470, 10.8721,
59.6825


255.0000, 0.0000,
0.0000


 28.3660, 5.2426,
45.2830


 97.7310, 5.0626,
56.3639


 18.9100, 0.0444,
32.5279


 124.6280, 4.6204,
58.2082

 6.5780, -3.2430,
13.5251

 152.1120, 3.8888,
59.5378

 0.0000, 0.0000,
0.0000

 180.0090, 3.4466,
61.3821

 200.4310, 6.6895,
47.8570

 220.1730, 11.2537,

30.5433

■ 238.5640, 8.1029,
14.4144

■ 38.9470, 10.8721,
59.6825

■ 45.9740, 9.8728,
53.5198

■ 52.3000, 8.7261,
47.9719

■ 59.3270, 7.7268,
41.8092

■ 66.2400, 6.2907,
35.7465

■ 73.2670, 5.2914,
29.5838

■ 79.7070, 4.5814,
23.9360

■ 86.6200, 3.1453,
17.8733

■ 93.6470, 2.1460,
11.7106

■ 99.9730, 0.9993,
6.1627

Harmonies

Analogous

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



51.2790, 20.5685, 29.5733



38.9470, 10.8721, 59.6825



39.7780, -6.2996, 60.7077

Triad

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



38.9470, 10.8721, 59.6825



46.0060, -22.6810, -5.2673



50.3530, 27.9270, -44.1596

Complementary

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



38.9470, 10.8721, 59.6825



68.0530, -10.8721, -59.6825

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.



47.7480, 15.4072, -41.8750



38.9470, 10.8721, 59.6825



38.1380, -16.3370, -33.4470

Square

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



38.9470, 10.8721, 59.6825



49.4050, -24.3567, 18.9388



43.7580, 0.1193, -38.3758



48.4270, 35.7785, -42.4705

Rectangle

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



38.9470, 10.8721, 59.6825



45.1020, -21.2493, 49.0225



43.7580, 0.1193, -38.3758



50.0280, 24.1432, -43.8746

Sweetspot

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



38.9470, 10.8721, 59.6825



113.2940, 4.2921, 23.4212



25.6530, 40.1041, 16.9673



55.0710, 2.4300, 13.9697



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



38.9470, 10.8721, 59.6825



50.9800, 14.3069, 78.0705



33.0190, -11.8414, 64.8813



50.1360, 0.4260, 3.3887



42.6210, 12.0188, 65.2304



89.2150, 25.0370, 136.6234

Inverse Universe

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



38.9470, 10.8721, 59.6825



50.9800, 14.3069, 78.0705



73.9810, 11.8414, -64.8813



50.1360, 0.4260, 3.3887



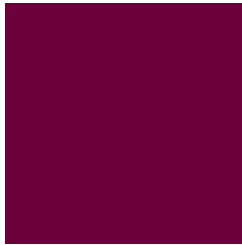
42.6210, 12.0188, 65.2304



89.2150, 25.0370, 136.6234

Previews

White Background



This preview shows how the YUV color 38.9470, 10.8721, 59.6825 looks on a white background.

Color Contrast Check

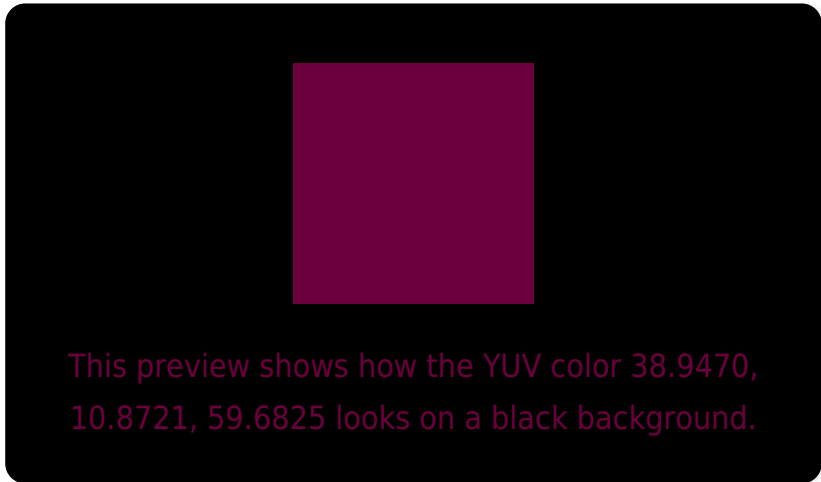
Large Text (above 18pt) WCAG AA ✓ Pass

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

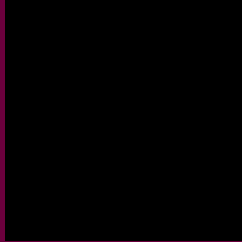
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.9470, 10.8721, 59.6825

Background



This preview shows how black text looks on a background with the YUV color 38.9470, 10.8721, 59.6825.



This preview shows how white text looks on a background with the YUV color 38.9470, 10.8721,

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

38.9470, 10.8721, 59.6825

Protanopia

55.4730, 16.0358, -10.0618

Deuteranopia

56.3210, -0.1583, 4.1035



Tritanopia

48.3330, -11.5032, 49.6970

Trichromacy



Original Color

38.9470, 10.8721, 59.6825

Protanomaly

49.4700, 14.0653, 15.3738

Deuteranomaly

49.8920, 3.9972, 24.6507

Tritanomaly

44.8310, -3.3677, 53.6452

Monochromacy



Original Color

38.9470, 10.8721, 59.6825

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.1690, 3.8607, 21.7768

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.9470, 10.8721, 59.6825 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(107, 0, 61)` looks like.

```
.text, #text, p{  
    color:rgb(107, 0, 61)  
}
```

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(107, 0, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 0, 61) }
```

Border

The CSS property to change the border of an element to YUV 38.9470, 10.8721, 59.6825 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(107, 0, 61) }
```


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

```
.border{ border-color:rgb(107, 0, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 0, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 0, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 0, 61);  
box-shadow:4px 4px 4px 4px rgb(107, 0, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.9470, 10.8721, 59.6825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 0, 61) }
```

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

```
.background{ background-color: rgb(107, 0,  
61) }
```

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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