

Converting Colors

YUV(38.9030, 77.9418, 14.1171)

Have a look what the booklet for
YUV(38.9030, 77.9418, 14.1171)
contains.

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Color

**YUV(38.9030, 77.9418,
14.1171)**

Conversions

Conversions Part 1

Format	Color
Hex	3700C5
RGB	55, 0, 197
RGB Percent	22%, 0%, 77%
CMY	0.7843, 1.0000, 0.2275
CMYK	0.72, 1.00, 0.00, 0.23
HSL	257°, 100%, 39%
HSV	257°, 100%, 77%
XYZ	11.6536, 4.8434, 53.1440
YIQ	38.9030, -30.4570, 72.9270

Conversions

Conversions Part 2

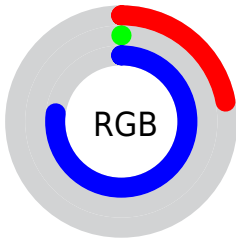
Format	Color
RYB	55, 0, 197
Decimal	3604677
CIELab	26.28, 66.14, -84.57
CIELCh	26, 107.356, 308.028
Yxy	4.8434, 0.1673, 0.0695
Android (android.graphics.Color)	4281794757 (0xFF3700C5)
YUV	38.9030, 77.9418, 14.1171
Hunter-Lab	22.0078, 56.0057, -127.7667

Details

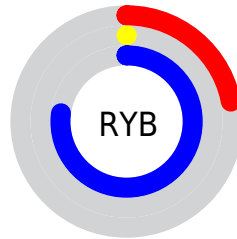
The YUV color **38.9030, 77.9418, 14.1171** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **158.0970, -77.9418, -14.1171**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.1870, 73.8578, 17.3760**, and **16.0740, 61.5885, -14.0969** is the 20% darker color. If you saturate the color by 10%, you get **38.9030, 77.9418, 14.1171**, and if you desaturate by 10%, it is **54.8290, 70.0903, 12.4280**.

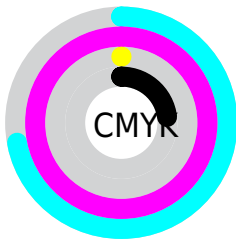
Distribution



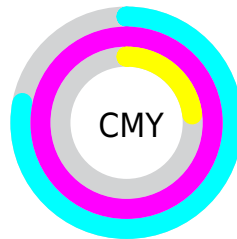
- Red (22%)
- Green (0%)
- Blue (77%)



- Red (22%)
- Yellow (0%)
- Blue (77%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (78%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.9030, 77.9418, 14.1171 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 38.9030, 77.9418, 14.1171 by changing the saturation by 10% instead.

■ 38.9030, 77.9418,
14.1171

■ 38.9030, 77.9418,
14.1171

■ 255.0000, 0.0000,
0.0000

■ 19.2660, 73.8189,
-16.8963

■ 105.1870, 73.8578,
17.3760

■ 16.0740, 61.5885,
-14.0969

■ 130.3050, 61.4746,
22.5345

■ 13.1100, 50.2318,
-11.4975

■ 154.8360, 49.3809,
28.2078

■ 14.2550, 36.8493,
-12.5016

■ 180.5410, 36.7083,
32.8515

■ 11.5190, 26.3661,
-10.1022

■ 206.5450, 23.8883,
38.1100

■ 6.5490, 17.4773,
-5.7435

■ 224.4760, 15.0483,


■ 2.8670, 8.4466,


26.7695


-2.5144


 241.4990, 6.6560,
11.8404


 0.0000, 0.0000,
0.0000

 38.9030, 77.9418,
14.1171

 54.8290, 70.0903,
12.4280

 70.1680, 62.5282,
11.2537

 86.3930, 54.5293,
10.1793

 102.3190, 46.6777,
8.4902

 118.2450, 38.8262,
6.8011

■ 133.5840, 31.2641,
5.6268

■ 149.5100, 23.4126,
3.9377

■ 165.7350, 15.4136,
2.8634

■ 181.0740, 7.8515,
1.6891

Harmonies

Analogous

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



69.5270, 81.0852, -60.9752



38.9030, 77.9418, 14.1171



63.9980, 30.5670, 89.4558

Triad

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



38.9030, 77.9418, 14.1171



51.4520, -25.3658, 62.7476



60.0580, 11.8034, -52.6709

Complementary

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



38.9030, 77.9418, 14.1171



158.0970, -77.9418, -14.1171

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.



49.3080, -24.3088, -43.2431



38.9030, 77.9418, 14.1171



56.3720, -27.7914, 0.5508

Square

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



38.9030, 77.9418, 14.1171



50.2320, -24.7644, 103.2825



46.9600, -23.1513, -41.1839



71.0530, 46.3159, -62.3135

Rectangle

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



38.9030, 77.9418, 14.1171



63.8220, 4.0318, 107.1501



46.9600, -23.1513, -41.1839



56.1650, -0.5743, -49.2567

Sweetspot

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



38.9030, 77.9418, 14.1171



193.9430, 30.1011, 5.3120



106.9860, 44.3769, -93.8267



90.8320, 18.3238, 2.7783



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



38.9030, 77.9418, 14.1171



50.2990, 100.9176, 18.1548



67.6070, 63.7907, 73.1357



91.6240, 3.6364, 0.3298



32.3360, 64.4174, 11.9833



7.0940, 14.2507, 2.5486

Inverse Universe

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



75.0910, 32.9861, 106.9142



97.2210, 42.7820, 138.3722



129.3930, -63.7907, -73.1357



93.4890, 1.7309, 4.8331



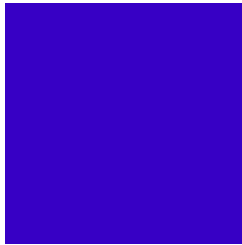
62.1890, 27.5148, 88.4112



13.7280, 6.0501, 19.5325

Previews

White Background



This preview shows how the YUV color 38.9030, 77.9418, 14.1171 looks on a white background.

Color Contrast Check

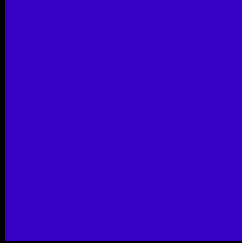
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 38.9030, 77.9418, 14.1171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

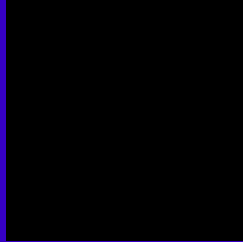
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.9030, 77.9418, 14.1171

Background



This preview shows how black text looks on a background with the YUV color 38.9030, 77.9418, 14.1171.



This preview shows how white text looks on a background with the YUV color 38.9030, 77.9418,

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



Protanopia

51.2140, 38.8415, -44.9147

Deuteranopia

51.3960, 29.3848, -45.0743

Tritanopia

50.9280, 12.3605, -44.6639

Trichromacy



Protanomaly

46.4290, 53.0325, -23.1782

Deuteranomaly

46.8220, 46.9228, -23.5229

Tritanomaly

46.6620, 36.1556, -23.3826

Monochromacy



Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.0740, 28.0645, 5.1971

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.9030, 77.9418, 14.1171 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(55, 0, 197)` looks like.

```
.text, #text, p{  
    color:rgb(55, 0, 197)  
}
```

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(55, 0, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 0, 197) }
```

Border

The CSS property to change the border of an element to YUV 38.9030, 77.9418, 14.1171 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(55, 0, 197) }
```

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

```
.border{ border-color:rgb(55, 0, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 0, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 0, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 0, 197);  
box-shadow:4px 4px 4px 4px rgb(55, 0, 197)  
}
```


Background

The CSS property to change the background color of an element to YUV 38.9030, 77.9418, 14.1171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 0, 197) }
```

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

```
.background{ background-color: rgb(55, 0,  
197) }
```

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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