

Converting Colors

YUV(38.5060, 93.4205, -3.9518)

Have a look what the booklet for
YUV(38.5060, 93.4205, -3.9518)
contains.

YUV(38.5060, 93.4205, -3.9518)	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(38.5060, 93.4205,
-3.9518)**

Conversions

Conversions Part 1

Format	Color
Hex	2204E4
RGB	34, 4, 228
RGB Percent	13%, 2%, 89%
CMY	0.8667, 0.9843, 0.1059
CMYK	0.85, 0.98, 0.00, 0.11
HSL	248°, 97%, 45%
HSV	248°, 98%, 89%
XYZ	14.7067, 6.0284, 73.7872
YIQ	38.5060, -54.0240, 76.0240

Conversions

Conversions Part 2

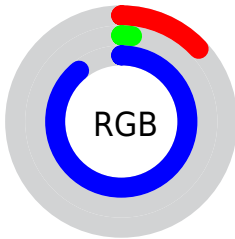
Format	Color
RYB	34, 4, 228
Decimal	2229476
CIELab	29.48, 72.38, -97.25
CIELCh	29, 121.229, 306.658
Yxy	6.0284, 0.1556, 0.0638
Android (android.graphics.Color)	4280419556 (0xFF2204E4)
YUV	38.5060, 93.4205, -3.9518
Hunter-Lab	24.5527, 63.9516, -160.9950

Details

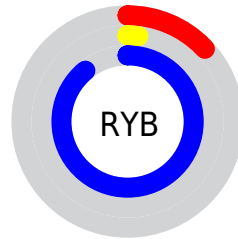
The YUV color **38.5060, 93.4205, -3.9518** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **193.4940, -93.4205, 3.9518**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.3390, 73.2899, 12.8577**, and **19.4940, 74.6925, -17.0962** is the 20% darker color. If you saturate the color by 10%, you get **35.2610, 95.0203, -3.7369**, and if you desaturate by 10%, it is **57.9870, 83.8164, -3.4966**.

Distribution



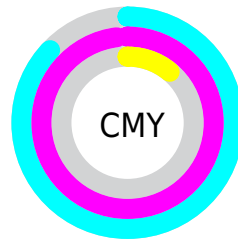
- Red (13%)
- Green (2%)
- Blue (89%)



- Red (13%)
- Yellow (2%)
- Blue (89%)



- Cyan (85%)
- Magenta (98%)
- Yellow (0%)
- Black (11%)



- Cyan (87%)
- Magenta (98%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.5060, 93.4205, -3.9518 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 38.5060, 93.4205, -3.9518 by changing the saturation by 10% instead.

■ 38.5060, 93.4205,
-3.9518

■ 38.5060, 93.4205,
-3.9518

255.0000, 0.0000,
0.0000

■ 22.6860, 86.9228,
-19.8956

■ 106.3390, 73.2899,
12.8577

■ 19.4940, 74.6925,
-17.0962

■ 132.3540, 60.4645,
19.8605

■ 16.3020, 62.4621,
-14.2969

■ 158.0700, 47.7865,
26.2486

■ 14.3980, 50.0898,
-12.6270

■ 184.0740, 34.9665,
31.5071

■ 17.8910, 35.5497,
-15.6904

■ 210.0780, 22.1465,
36.7656


■ 11.6330, 26.8029,
-10.2021


■ 227.4110, 13.6014,

■ 6.6630, 17.9141,


24.1956


-5.8435


 244.4340, 5.2090,
9.2664


 2.9810, 8.8834,
-2.6143


 0.0000, 0.0000,
0.0000


 38.5060, 93.4205,
-3.9518

 38.5060, 93.4205,
-3.9518

 35.2610, 95.0203,
-3.7369

 57.9870, 83.8164,
-3.4966

 77.1690, 74.3597,
-3.6562

 96.0630, 65.0449,
-2.6863

 115.5440, 55.4408,
-2.2311

■ 135.0250, 45.8367,
-1.7759

■ 154.2070, 36.3799,
-1.9355

■ 173.6880, 26.7758,
-1.4804

■ 192.5820, 17.4611,
-0.5104

■ 212.0630, 7.8569,
-0.0553

Harmonies

Analogous

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



78.3780, 87.0746, -68.7375



38.5060, 93.4205, -3.9518



72.0730, 36.9390, 99.0370

Triad

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



38.5060, 93.4205, -3.9518



52.7250, -25.9934, 77.4172



66.6120, 11.5303, -58.4187

Complementary

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



38.5060, 93.4205, -3.9518



193.4940, -93.4205, 3.9518

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.



54.5910, -26.9134, -47.8763



38.5060, 93.4205, -3.9518



63.4710, -31.2912, 3.0949

Square

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



38.5060, 93.4205, -3.9518



57.4080, -28.3021, 118.0372



52.2430, -25.7558, -45.8171



79.0890, 51.7211, -69.3611

Rectangle

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



38.5060, 93.4205, -3.9518



72.7790, 6.0250, 121.2198



52.2430, -25.7558, -45.8171



62.1490, -3.0315, -54.5047

Sweetspot

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



38.5060, 93.4205, -3.9518



192.4260, 30.8490, -1.2506



143.4140, 41.7009, -122.2661



89.9240, 18.7715, -0.8103



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.



38.5060, 93.4205, -3.9518



39.2360, 106.3717, -4.5920



71.9940, 76.9110, 64.9033



104.9660, 4.9468, 0.0298



27.5820, 74.6491, -3.1414



7.9070, 21.2448, -0.7954

Inverse Universe

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



93.0920, 51.7196, 118.3143



101.4390, 58.9436, 134.6730



160.0060, -76.9110, -64.9033



107.7280, 2.5991, 6.3775



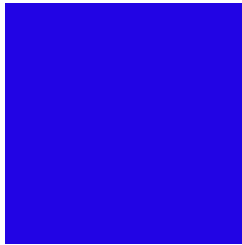
71.1910, 41.3178, 94.5485



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 38.5060, 93.4205, -3.9518 looks on a white background.

Color Contrast Check

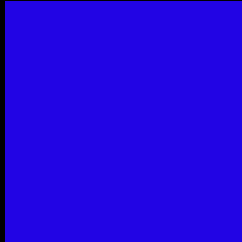
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.5060, 93.4205, -3.9518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

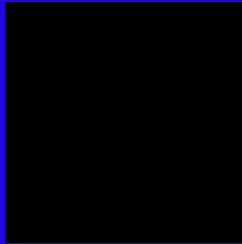
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.5060, 93.4205, -3.9518

Background



This preview shows how black text looks on a background with the YUV color 38.5060, 93.4205, -3.9518.



This preview shows how white text looks on a background with the YUV color 38.5060, 93.4205,

-3.9518.

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

38.5060, 93.4205, -3.9518

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.6450, 31.7270, -49.6777



Tritanopia

55.1340, 13.2449, -48.3525

Trichromacy



Original Color

38.5060, 93.4205, -3.9518

Protanomaly

49.8390, 61.2114, -33.1848

Deuteranomaly

50.0040, 54.2280, -33.3295

Tritanomaly

48.9150, 42.4399, -32.3745

Monochromacy



Original Color

38.5060, 93.4205, -3.9518

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.6370, 34.1960, -1.4356

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.5060, 93.4205, -3.9518 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(34, 4, 228)` looks like.

```
.text, #text, p{  
    color:rgb(34, 4, 228)  
}
```

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(34, 4, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 4, 228) }
```

Border

The CSS property to change the border of an element to YUV 38.5060, 93.4205, -3.9518 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(34, 4, 228) }
```


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

```
.border{ border-color:rgb(34, 4, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 4, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 4, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 4, 228);  
box-shadow:4px 4px 4px 4px rgb(34, 4, 228)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.5060, 93.4205, -3.9518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 4, 228) }
```

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

```
.background{ background-color: rgb(34, 4,  
228) }
```

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