

Converting Colors

YUV(96.5340, 77.1377,
-54.8423)

Have a look what the booklet for
YUV(96.5340, 77.1377, -54.8423)
contains.

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Color

**YUV(96.5340, 77.1377,
-54.8423)**

Conversions

Conversions Part 1	
Format	Color
Hex	2262FD
RGB	34, 98, 253
RGB Percent	13%, 38%, 99%
CMY	0.8667, 0.6157, 0.0078
CMYK	0.87, 0.61, 0.00, 0.01
HSL	222°, 98%, 56%
HSV	222°, 87%, 99%
XYZ	22.7570, 16.1673, 94.8497
YIQ	96.5340, -87.8990, 34.6370

Conversions

Conversions Part 2

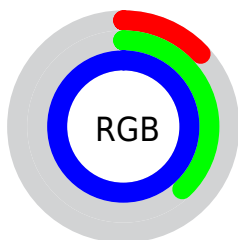
Format	Color
RYB	34, 84, 253
Decimal	2253565
CIELab	47.19, 38.09, -82.06
CIELCh	47, 90.466, 294.902
Yxy	16.1673, 0.1701, 0.1209
Android (android.graphics.Color)	4280443645 (0xFF2262FD)
YUV	96.5340, 77.1377, -54.8423
Hunter-Lab	40.2086, 30.6613, -111.7156

Details

The YUV color **96.5340, 77.1377, -54.8423** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed azure. A complement of this color would be **190.4660, -77.1377, 54.8423**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.4240, 50.5700, -26.6818**, and **53.3410, 69.8379, -46.7801** is the 20% darker color. If you saturate the color by 10%, you get **78.4930, 86.0320, -60.9454**, and if you desaturate by 10%, it is **114.5750, 68.2435, -48.7393**.

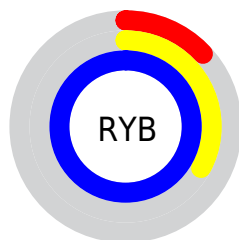
Distribution



Red (13%)

Green (38%)

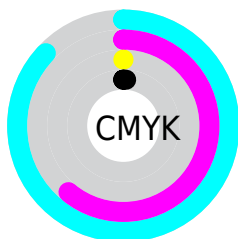
Blue (99%)



Red (13%)

Yellow (33%)

Blue (99%)

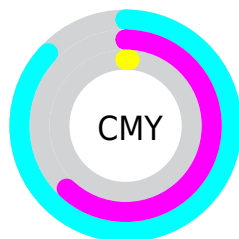


Cyan (87%)

Magenta (61%)

Yellow (0%)

Black (1%)



Cyan (87%)

Magenta (62%)


Yellow (1%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 96.5340, 77.1377, -54.8423 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 96.5340, 77.1377, -54.8423 by changing the saturation by 10% instead.


 96.5340, 77.1377,
-54.8423

 96.5340, 77.1377,
-54.8423


255.0000, 0.0000,
0.0000


 69.5610, 76.1384,
-61.0050


 152.4240, 50.5700,
-26.6818


 53.3410, 69.8379,
-46.7801

 178.1400, 37.8920,
-20.2938

 38.4090, 63.3954,
-33.6847


 203.8560, 25.2140,
-13.9057

 25.9390, 56.2321,
-22.7485

 229.5610, 12.5414,
-9.2620

 13.4690, 49.0688,
-11.8123

 253.8040, 0.5896,
-2.4591

 17.0760, 34.9655,
-14.9757

 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 96.5340, 77.1377,
-54.8423

■ 96.5340, 77.1377,
-54.8423

■ 78.4930, 86.0320,
-60.9454

■ 114.5750, 68.2435,
-48.7393

■ 72.2800, 89.0950,
-63.3896

■ 132.9150, 59.2019,
-42.0215

■ 150.9560, 50.3077,
-35.9184

■ 168.9970, 41.4135,
-29.8154

■ 187.0380, 32.5193,
-23.7123

■ 204.7910, 23.7670,
-16.4797

■ 222.8320, 14.8728,
-10.3767

■ 240.8730, 5.9786,
-4.2736

254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



103.6190, 74.6308, -90.8739



96.5340, 77.1377, -54.8423



101.4210, 49.0924, 74.1758

Triad

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



96.5340, 77.1377, -54.8423



97.9660, -48.2972, 91.2378



93.7110, 1.1285, -82.1845

Complementary

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



96.5340, 77.1377, -54.8423



190.4660, -77.1377, 54.8423

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.



79.8320, -39.3572, -70.0127



96.5340, 77.1377, -54.8423



105.8870, -52.2023, 36.9331

Square

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



96.5340, 77.1377, -54.8423



76.1220, -10.9061, 138.4590



96.0880, -47.3714, -19.3712



103.3040, 35.3461, -90.5976

Rectangle

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



96.5340, 77.1377, -54.8423



84.2330, 34.3951, 121.6987



96.0880, -47.3714, -19.3712



89.4590, -10.0863, -78.4555

Sweetspot

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



96.5340, 77.1377, -54.8423



207.6770, 23.3302, -16.3797



179.9950, 3.4535, -128.0376



99.6040, 13.9992, -10.1767



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.



96.5340, 77.1377, -54.8423



73.0950, 89.6792, -64.1043



72.1220, 89.1729, 5.1550



118.2430, 4.8102, -2.8441



54.6460, 67.2225, -47.9245



18.4490, 22.4566, -16.1798

Inverse Universe

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



106.7770, -4.3271, 128.2376



84.7950, -4.8289, 149.2698



214.8780, -89.1729, -5.1550



119.2290, -0.6059, 7.6922



63.4930, -3.6940, 111.8236



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 96.5340, 77.1377, -54.8423 looks on a white background.

Color Contrast Check

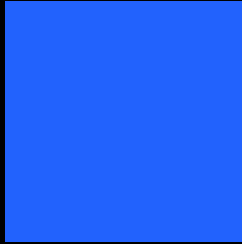
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.5340, 77.1377, -54.8423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

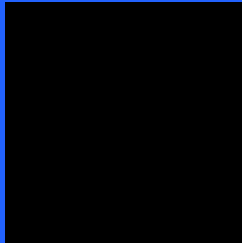
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.5340, 77.1377, -54.8423

Background



This preview shows how black text looks on a background with the YUV color 96.5340, 77.1377, -54.8423.



This preview shows how white text looks on a background with the YUV color 96.5340, 77.1377,

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

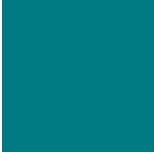
96.5340, 77.1377, -54.8423

Protanopia

88.5730, 67.7515, -77.6785

Deuteranopia





89.0340, 51.7482, -78.0828






Tritanopia

87.1350, 21.6254, -76.4174

Trichromacy

	Original Color 96.5340, 77.1377, -54.8423
	Protanomaly 91.5400, 71.2188, -69.7566
	Deuteranomaly 91.4940, 60.8885, -69.7162
	Tritanomaly 90.4560, 41.6802, -68.8059

Monochromacy

	Original Color 96.5340, 77.1377, -54.8423
	Achromatopsia 97.0000, 0.0000, 0.0000
	Achromatomaly 96.6210, 28.2878, -19.8386

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5340, 77.1377, -54.8423 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, 98, 253)` looks like.

```
.text, #text, p{  
    color:rgb(34, 98, 253)  
}
```

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, 98, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 98, 253) }
```

Border

The CSS property to change the border of an element to YUV 96.5340, 77.1377, -54.8423 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, 98, 253) }
```


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

```
.border{ border-color:rgb(34, 98, 253) }
```

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

Here you see how a box with a 4 pixel rgb(34, 98, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 98, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 98, 253);  
box-shadow:4px 4px 4px 4px rgb(34, 98,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 96.5340, 77.1377, -54.8423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 98, 253) }
```

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

```
.background{ background-color: rgb(34, 98,  
253) }
```

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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