

Converting Colors

YUV(97.7040, 76.0679,
-38.3284)

Have a look what the booklet for
YUV(97.7040, 76.0679, -38.3284)
contains.

YUV(97.7040, 76.0679, -38.3284)	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(97.7040, 76.0679,
-38.3284)**

Conversions

Conversions Part 1

Format	Color
Hex	365AFC
RGB	54, 90, 252
RGB Percent	21%, 35%, 99%
CMY	0.7882, 0.6471, 0.0118
CMYK	0.79, 0.64, 0.00, 0.01
HSL	229°, 97%, 60%
HSV	229°, 79%, 99%
XYZ	22.7482, 15.1249, 93.8159
YIQ	97.7040, -73.4580, 42.7500

Conversions

Conversions Part 2

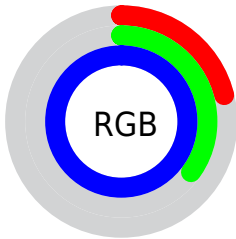
Format	Color
R _Y B	54, 84, 252
Decimal	3562236
CIE Lab	45.80, 44.04, -83.75
CIE LCh	46, 94.625, 297.735
Yxy	15.1249, 0.1727, 0.1149
Android (android.graphics.Color)	4281752316 (0xFF365AFC)
YUV	97.7040, 76.0679, -38.3284
Hunter-Lab	38.8907, 36.3505, -115.8015

Details

The YUV color **97.7040, 76.0679, -38.3284** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **208.2960, -76.0679, 38.3284**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.4190, 51.5584, -17.0305**, and **48.5310, 71.7162, -42.5617** is the 20% darker color. If you saturate the color by 10%, you get **77.9020, 85.8303, -42.8871**, and if you desaturate by 10%, it is **117.5060, 66.3055, -33.7698**.

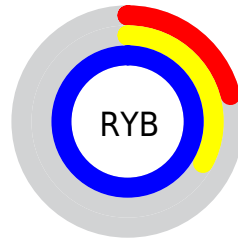
Distribution



Red (21%)

Green (35%)

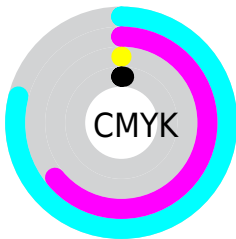
Blue (99%)



Red (21%)

Yellow (33%)

Blue (99%)

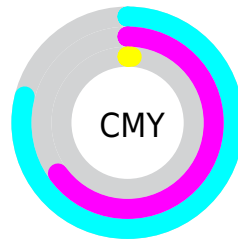


Cyan (79%)

Magenta (64%)

Yellow (0%)

Black (1%)



Cyan (79%)

Magenta (65%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.7040, 76.0679, -38.3284 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 97.7040, 76.0679, -38.3284 by changing the saturation by 10% instead.

■ 97.7040, 76.0679,
-38.3284

■ 97.7040, 76.0679,
-38.3284

■ 255.0000, 0.0000,
0.0000

■ 64.7510, 78.0168,
-56.7866

■ 150.4190, 51.5584,
-17.0305

■ 48.5310, 71.7162,
-42.5617

■ 175.5480, 39.1698,
-10.1276

■ 33.5990, 65.2737,
-29.4663

■ 201.5520, 26.3499,
-4.8691

■ 21.1290, 58.1104,
-18.5301

■ 227.5560, 13.5299,
0.3894

■ 13.3550, 48.6320,
-11.7123

■ 252.0650, 1.4470,
2.5740

■ 16.9620, 34.5287,
-14.8757

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 97.7040, 76.0679,
-38.3284

■ 97.7040, 76.0679,
-38.3284

■ 77.9020, 85.8303,
-42.8871

■ 117.5060, 66.3055,
-33.7698

■ 58.6870, 95.3033,
-47.9605

■ 136.7210, 56.8325,
-28.6963

■ 55.7300, 96.7611,
-48.8752

■ 156.8220, 46.9228,
-23.5229

■ 176.0370, 37.4498,
-18.4494

■ 195.8390, 27.6874,
-13.8908

■ 215.6410, 17.9250,
-9.3322

■ 234.8560, 8.4520,
-4.2587

254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



100.6840, 76.0778, -88.2999



97.7040, 76.0679, -38.3284



79.6380, 56.8735, 98.5415

Triad

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



97.7040, 76.0679, -38.3284



95.5850, -47.1234, 88.0640



92.4060, 3.7438, -81.0401

Complementary

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



97.7040, 76.0679, -38.3284



208.2960, -76.0679, 38.3284

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.



78.6580, -38.7784, -68.9831



97.7040, 76.0679, -38.3284



102.3100, -50.4388, 31.3001

Square

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



97.7040, 76.0679, -38.3284



74.0420, -16.2897, 138.5292



89.2330, -43.9919, -30.0223



102.2270, 38.8351, -89.6531

Rectangle

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



97.7040, 76.0679, -38.3284



84.4030, 29.8743, 125.0576



89.2330, -43.9919, -30.0223



88.6270, -8.1971, -77.7259

Sweetspot

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



97.7040, 76.0679, -38.3284



207.4110, 23.4614, -11.7614



188.6940, 13.4619, -118.1266



98.7400, 14.4252, -6.7880



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.



97.7040, 76.0679, -38.3284



68.1880, 92.0983, -46.6459



95.4090, 77.1994, 18.9353



115.2430, 4.8102, -2.8441



41.5040, 72.7155, -36.3990



13.4110, 23.4614, -11.7614

Inverse Universe

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



117.3060, -13.4619, 118.1266



91.7760, -16.1586, 143.1474



210.5910, -77.1994, -18.9353



116.2290, -0.6059, 7.6922



60.3870, -13.0088, 112.7936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 97.7040, 76.0679, -38.3284 looks on a white background.

Color Contrast Check

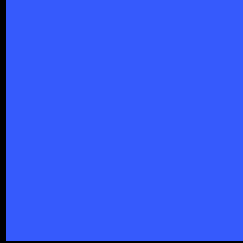
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.7040, 76.0679, -38.3284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

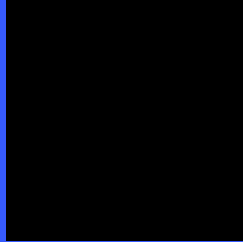
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.7040, 76.0679, -38.3284

Background



This preview shows how black text looks on a background with the YUV color 97.7040, 76.0679, -38.3284.



This preview shows how white text looks on a background with the YUV color 97.7040, 76.0679, -38.3284.

-38.3284.

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

97.7040, 76.0679, -38.3284

Protanopia

86.0140, 65.5621, -75.4343

Deuteranopia

85.8880, 49.8482, -75.3238



Tritanopia

84.3310, 21.0358, -73.9583

Trichromacy



Original Color

97.7040, 76.0679, -38.3284

Protanomaly

90.4270, 69.3025, -61.7645

Deuteranomaly

90.4950, 59.4090, -61.8241

Tritanomaly

88.9840, 40.9269, -60.4990

Monochromacy



Original Color

97.7040, 76.0679, -38.3284

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8390, 27.6874, -13.8908

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7040, 76.0679, -38.3284 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(54, 90, 252)` looks like.

```
.text, #text, p{  
    color:rgb(54, 90, 252)  
}
```

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(54, 90, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 90, 252) }
```

Border

The CSS property to change the border of an element to YUV 97.7040, 76.0679, -38.3284 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(54, 90, 252) }
```


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

```
.border{ border-color:rgb(54, 90, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 90, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 90, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 90, 252);  
box-shadow:4px 4px 4px 4px rgb(54, 90,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 97.7040, 76.0679, -38.3284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 90, 252) }
```

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

```
.background{ background-color: rgb(54, 90,  
252) }
```

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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