

Converting Colors

YUV(153.3640, 48.1345,
-38.9072)

Have a look what the booklet for
YUV(153.3640, 48.1345, -38.9072)
contains.

YUV(153.3640, 48.1345, -38.9072)	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(153.3640, 48.1345,
-38.9072)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9DFB
RGB	109, 157, 251
RGB Percent	43%, 62%, 98%
CMY	0.5725, 0.3843, 0.0157
CMYK	0.57, 0.37, 0.00, 0.02
HSL	220°, 95%, 71%
HSV	220°, 57%, 98%
XYZ	35.7762, 34.3302, 96.0076
YIQ	153.3640, -58.7820, 19.0580

Conversions

Conversions Part 2

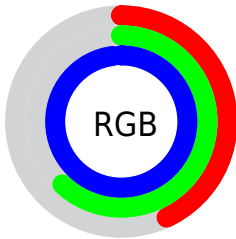
Format	Color
RYB	109, 145, 251
Decimal	7183867
CIELab	65.22, 10.91, -51.74
CIELCh	65, 52.880, 281.906
Yxy	34.3302, 0.2154, 0.2067
Android (android.graphics.Color)	4285373947 (0xFF6D9DFB)
YUV	153.3640, 48.1345, -38.9072
Hunter-Lab	58.5920, 6.4561, -56.1370

Details

The YUV color **153.3640, 48.1345, -38.9072** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **206.6360, -48.1345, 38.9072**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.4580, 25.4102, -30.2197**, and **96.2980, 48.1671, -49.3733** is the 20% darker color. If you saturate the color by 10%, you get **135.9100, 56.7394, -45.5251**, and if you desaturate by 10%, it is **170.8180, 39.5297, -32.2894**.

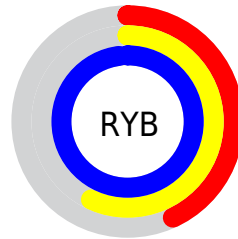
Distribution



Red (43%)

Green (62%)

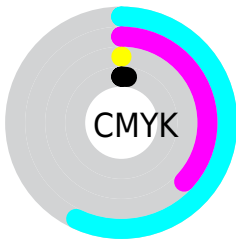
Blue (98%)



Red (43%)

Yellow (57%)

Blue (98%)

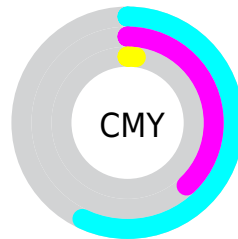


Cyan (57%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (57%)

Magenta (38%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.3640, 48.1345, -38.9072 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 153.3640, 48.1345, -38.9072 by changing the saturation by 10% instead.

■ 153.3640, 48.1345,
-38.9072

■ 153.3640, 48.1345,
-38.9072

255.0000, 0.0000,
0.0000

■ 125.2280, 47.7086,
-42.2960

■ 203.4580, 25.4102,
-30.2197

■ 96.2980, 48.1671,
-49.3733

■ 228.8640, 12.8850,
-26.1907

■ 67.0580, 48.7784,
-58.8099

■ 247.2260, 3.8326,
-15.9842

■ 51.0660, 43.3515,
-44.7849

■ 35.7750, 38.0719,
-31.3747

■ 21.7720, 32.6504,
-19.0940

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 153.3640, 48.1345,
-38.9072

■ 153.3640, 48.1345,
-38.9072

■ 135.9100, 56.7394,
-45.5251

■ 170.8180, 39.5297,
-32.2894

■ 119.0430, 65.0548,
-52.6577

■ 187.6850, 31.2143,
-25.1567

■ 101.5890, 73.6596,
-59.2756

■ 205.1390, 22.6095,
-18.5389

■ 84.7220, 81.9751,
-66.4082

■ 222.0060, 14.2940,
-11.4063

■ 78.5090, 85.0381,
-68.8524

■ 239.4600, 5.6892,
-4.7884

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

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



128.6490, 58.8400, -112.8252



153.3640, 48.1345, -38.9072



162.7260, 32.6731, 20.4113

Triad

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



153.3640, 48.1345, -38.9072



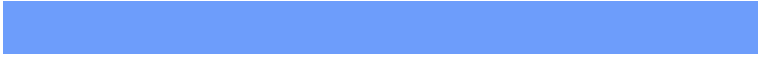
157.0570, -29.6081, 70.1100



127.0150, -0.0074, -91.2212

Complementary

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



153.3640, 48.1345, -38.9072



206.6360, -48.1345, 38.9072

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.



145.6260, -29.8886, -26.8590



153.3640, 48.1345, -38.9072



155.7170, -44.2305, 46.7292

Square

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



153.3640, 48.1345, -38.9072



158.3070, -8.5324, 76.9068



151.8670, -45.2904, 13.2716



126.8980, 24.2073, -111.2895

Rectangle

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



153.3640, 48.1345, -38.9072



162.6990, 20.3614, 49.3760



151.8670, -45.2904, 13.2716



137.5860, -12.6139, -61.0269

Sweetspot

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



153.3640, 48.1345, -38.9072



225.1200, 14.7308, -11.5062



202.8420, -0.9081, -82.2994



110.2470, 8.7522, -7.2326



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.



153.3640, 48.1345, -38.9072



135.7680, 58.7814, -47.1545



131.4670, 58.9298, -1.2866



116.4170, 4.2314, -3.8737



59.1140, 64.0338, -51.8430



19.2810, 20.5675, -16.9094

Inverse Universe

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



156.9300, 0.0345, 82.4994



140.3390, -0.1671, 100.5577



228.5330, -58.9298, 1.2866



116.4570, 0.2677, 7.4922



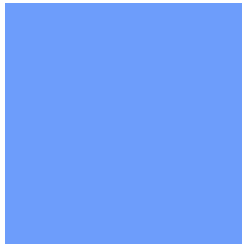
63.8070, 0.0951, 109.7943



20.6330, 0.1809, 35.4019

Previews

White Background



This preview shows how the YUV color 153.3640, 48.1345, -38.9072 looks on a white background.

Color Contrast Check

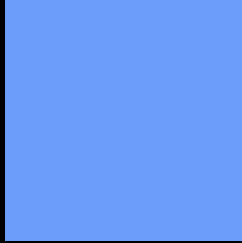
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 153.3640, 48.1345, -38.9072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

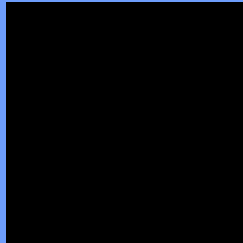
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

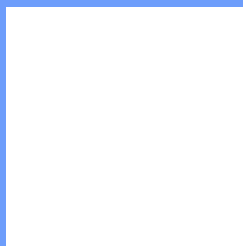
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.3640, 48.1345, -38.9072

Background



This preview shows how black text looks on a background with the YUV color 153.3640, 48.1345, -38.9072.



This preview shows how white text looks on a background with the YUV color 153.3640, 48.1345, -38.9072.

-38.9072.

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

153.3640, 48.1345, -38.9072

Protanopia

155.2620, 46.2128, -29.1708

Deuteranopia

152.7550, 48.4348, -41.8811



Tritanopia

146.2840, 19.0870, -55.5001

Trichromacy



Original Color

153.3640, 48.1345, -38.9072

Protanomaly

154.4680, 47.0973, -32.8594

Deuteranomaly

153.0540, 48.2874, -41.2664

Tritanomaly

148.7760, 29.6904, -49.7926

Monochromacy



Original Color

153.3640, 48.1345, -38.9072

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9070, 17.7938, -13.9504

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.3640, 48.1345, -38.9072 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(109, 157, 251)` looks like.

```
.text, #text, p{  
    color:rgb(109, 157, 251)  
}
```

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(109, 157, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 157, 251) }
```

Border

The CSS property to change the border of an element to YUV 153.3640, 48.1345, -38.9072 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(109, 157, 251) }
```


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

```
.border{ border-color:rgb(109, 157, 251) }
```

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

Here you see how a box with a 4 pixel rgb(109, 157, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 157, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 157, 251);  
box-shadow:4px 4px 4px 4px rgb(109, 157,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 153.3640, 48.1345, -38.9072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 157, 251) }
```

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

```
.background{ background-color: rgb(109,  
157, 251) }
```

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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