

Converting Colors

YUV(177.7640, 38.0773,
-33.1190)

Have a look what the booklet for
YUV(177.7640, 38.0773, -33.1190)
contains.

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Color

**YUV(177.7640, 38.0773,
-33.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB6FF
RGB	140, 182, 255
RGB Percent	55%, 71%, 100%
CMY	0.4510, 0.2863, 0.0000
CMYK	0.45, 0.29, 0.00, 0.00
HSL	218°, 100%, 77%
HSV	218°, 45%, 100%
XYZ	45.5932, 46.2513, 101.1321
YIQ	177.7640, -48.4650, 13.7990

Conversions

Conversions Part 2

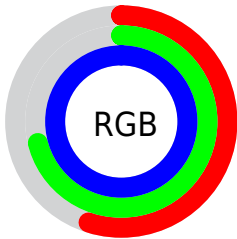
Format	Color
RYB	140, 171, 255
Decimal	9221887
CIELab	73.71, 4.73, -40.47
CIELCh	74, 40.743, 276.665
Yxy	46.2513, 0.2363, 0.2397
Android (android.graphics.Color)	4287411967 (0xFF8CB6FF)
YUV	177.7640, 38.0773, -33.1190
Hunter-Lab	68.0083, 0.6528, -40.5616

Details

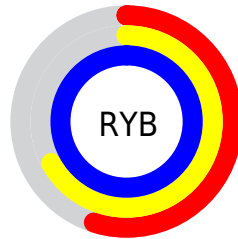
The YUV color **177.7640, 38.0773, -33.1190** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **217.2360, -38.0773, 33.1190**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9780, 13.3218, -26.2907**, and **123.1120, 36.9198, -35.1782** is the 20% darker color. If you saturate the color by 10%, you get **160.8970, 46.3928, -40.2517**, and if you desaturate by 10%, it is **194.9300, 29.6145, -25.3716**.

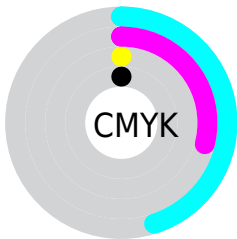
Distribution



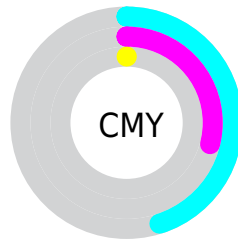
- Red (55%)
- Green (71%)
- Blue (100%)



- Red (55%)
- Yellow (67%)
- Blue (100%)



- Cyan (45%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7640, 38.0773, -33.1190 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 177.7640, 38.0773, -33.1190 by changing the saturation by 10% instead.

■ 177.7640, 38.0773,
-33.1190

■ 177.7640, 38.0773,
-33.1190

255.0000, 0.0000,
0.0000

■ 149.9380, 37.4986,
-34.1486

■ 227.9780, 13.3218,
-26.2907

■ 123.1120, 36.9198,
-35.1782

■ 246.6280, 4.1274,
-17.2138

■ 95.9760, 36.4938,
-38.5670

■ 65.4580, 38.7212,
-53.0217

■ 47.4980, 34.7575,
-41.6557

■ 32.3210, 29.9147,
-28.3455

■ 17.2580, 25.5088,

-15.1353

■ 7.0050, 19.2245,
-6.1434

■ 3.3230, 10.1938,
-2.9143

■ 177.7640, 38.0773,
-33.1190

■ 177.7640, 38.0773,
-33.1190

■ 160.8970, 46.3928,
-40.2517

■ 194.9300, 29.6145,
-25.3716

■ 143.7310, 54.8556,
-47.9991

■ 211.7970, 21.2991,
-18.2390

■ 126.2770, 63.4604,
-54.6169

■ 229.5500, 12.5469,
-11.0063

■ 109.1110, 71.9233,
-62.3643

■ 246.4170, 4.2314,
-3.8737

■ 92.2440, 80.2387, 255.0000, 0.0000,
-69.4970 0.0000

■ 83.6610, 84.4701,
-73.3707

Harmonies

Analogous

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



162.6070, 42.5917, -81.2163



177.7640, 38.0773, -33.1190



184.6940, 27.7589, 9.9154

Triad

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



177.7640, 38.0773, -33.1190



182.6410, -22.0080, 59.0738



167.1020, -8.4313, -49.2015

Complementary

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



177.7640, 38.0773, -33.1190



217.2360, -38.0773, 33.1190

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.



173.3270, -26.2902, -14.3188



177.7640, 38.0773, -33.1190



180.8550, -33.4525, 43.1002

Square

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



177.7640, 38.0773, -33.1190



184.7070, -5.2786, 59.8930



177.8210, -35.4078, 16.8200



155.5650, 15.9905, -89.0725

Rectangle

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



177.7640, 38.0773, -33.1190



186.3180, 18.0842, 33.0471



177.8210, -35.4078, 16.8200



169.4580, -15.0158, -37.2357

Sweetspot

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



177.7640, 38.0773, -33.1190



230.7350, 11.9626, -10.2916



215.8270, -1.3937, -66.5003



113.2040, 7.2944, -6.3179



0.0000, 0.0000, 0.0000



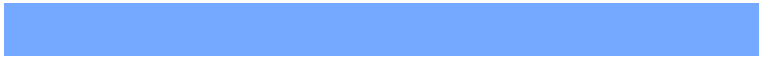
128.0000, 0.0000, 0.0000

Same Dimension

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



177.7640, 38.0773, -33.1190



162.6690, 45.5192, -40.0517



157.5950, 48.0207, -2.2758



118.8300, 4.5208, -3.3589



62.8640, 63.1710, -55.1317



20.7970, 21.2991, -18.2390

Inverse Universe

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



179.1730, 1.3937, 66.5003



164.0760, 1.9345, 79.7403



237.4050, -48.0207, 2.2758



119.3430, -0.1691, 7.5922



65.0890, 2.4211, 110.4239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 177.7640, 38.0773, -33.1190 looks on a white background.

Color Contrast Check

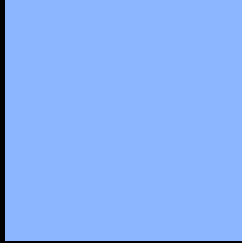
Large Text (above 18pt) WCAG AA × Fail

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 177.7640, 38.0773, -33.1190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

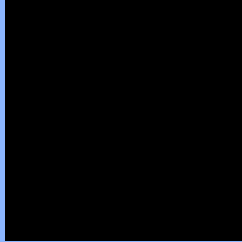
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

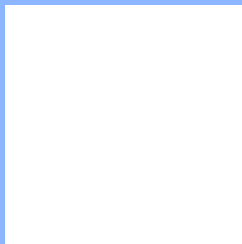
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 177.7640, 38.0773, -33.1190

Background



This preview shows how black text looks on a background with the YUV color 177.7640, 38.0773, -33.1190.



This preview shows how white text looks on a background with the YUV color 177.7640, 38.0773, -33.1190.

-33.1190.

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

177.7640, 38.0773, -33.1190

Protanopia

180.4560, 35.2712, -19.6939

Deuteranopia

179.8900, 37.0292, -23.5825



Tritanopia

173.3890, 16.5702, -41.5602

Trichromacy



Original Color

177.7640, 38.0773, -33.1190

Protanomaly

179.0640, 36.4504, -24.6121

Deuteranomaly

178.9820, 37.4769, -27.1712

Tritanomaly

175.0610, 24.1269, -38.6415

Monochromacy



Original Color

177.7640, 38.0773, -33.1190

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.5930, 14.0047, -11.9211

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7640, 38.0773, -33.1190 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(140, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 182, 255)  
}
```

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(140, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 182, 255) }
```

Border

The CSS property to change the border of an element to YUV 177.7640, 38.0773, -33.1190 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(140, 182, 255) }
```


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

```
.border{ border-color:rgb(140, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 182,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 177.7640, 38.0773, -33.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 182, 255) }
```

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

```
.background{ background-color: rgb(140,  
182, 255) }
```

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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