

Converting Colors

YUV(175.3880, 38.2627,
-45.9443)

Have a look what the booklet for
YUV(175.3880, 38.2627, -45.9443)
contains.

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Color

**YUV(175.3880, 38.2627,
-45.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	7BBBFD
RGB	123, 187, 253
RGB Percent	48%, 73%, 99%
CMY	0.5176, 0.2667, 0.0078
CMYK	0.51, 0.26, 0.00, 0.01
HSL	210°, 97%, 74%
HSV	210°, 51%, 99%
XYZ	43.6683, 46.8435, 99.6686
YIQ	175.3880, -59.3300, 6.9580

Conversions

Conversions Part 2

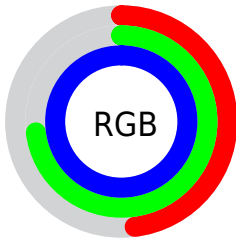
Format	Color
RYB	123, 166, 253
Decimal	8109053
CIELab	74.09, -2.50, -38.86
CIElCh	74, 38.945, 266.317
Yxy	46.8435, 0.2296, 0.2463
Android (android.graphics.Color)	4286299133 (0xFF7BBBFD)
YUV	175.3880, 38.2627, -45.9443
Hunter-Lab	68.4423, -5.8854, -38.4311

Details

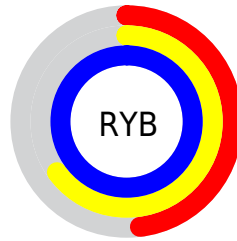
The YUV color **175.3880, 38.2627, -45.9443** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **200.6120, -38.2627, 45.9443**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.1290, 14.2334, -38.7011**, and **119.2410, 37.8422, -51.0774** is the 20% darker color. If you saturate the color by 10%, you get **160.2820, 45.7100, -54.6213**, and if you desaturate by 10%, it is **190.4940, 30.8155, -37.2672**.

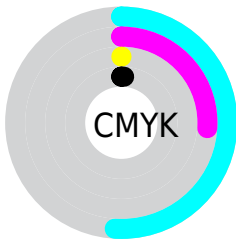
Distribution



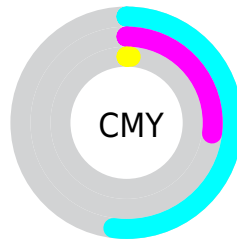
- Red (48%)
- Green (73%)
- Blue (99%)



- Red (48%)
- Yellow (65%)
- Blue (99%)



- Cyan (51%)
- Magenta (26%)
- Yellow (0%)
- Black (1%)



- Cyan (52%)
- Magenta (27%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.3880, 38.2627, -45.9443 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 175.3880, 38.2627, -45.9443 by changing the saturation by 10% instead.

■ 175.3880, 38.2627,
-45.9443

■ 175.3880, 38.2627,
-45.9443

255.0000, 0.0000,
0.0000

■ 147.2630, 37.8313,
-47.5887

■ 226.1290, 14.2334,
-38.7011

■ 119.2410, 37.8422,
-51.0774

■ 241.8440, 6.4859,
-27.0502

■ 88.6310, 39.6219,
-61.9434

■ 250.8140, 2.0637,
-8.6069

■ 66.0830, 37.4271,
-57.9548

■ 49.6180, 32.7263,
-43.5150

■ 34.4410, 27.8836,
-30.2048

■ 19.3780, 23.4776,

-16.9945

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 175.3880, 38.2627,
-45.9443

■ 175.3880, 38.2627,
-45.9443

■ 160.2820, 45.7100,
-54.6213

■ 190.4940, 30.8155,
-37.2672

■ 144.8770, 53.3046,
-63.9131

■ 205.8990, 23.2208,
-27.9754

■ 129.7710, 60.7519,
-72.5902

■ 221.0050, 15.7735,
-19.2984

■ 115.2520, 67.9098,
-81.7820

■ 235.5240, 8.6157,
-10.1065

■ 102.2170, 74.3360,
-89.6443

■ 250.9290, 1.0210,
-0.8147

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.



160.7650, 39.5559, -87.4939



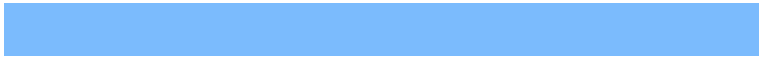
175.3880, 38.2627, -45.9443



184.5890, 30.2756, -4.0246

Triad

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



175.3880, 38.2627, -45.9443



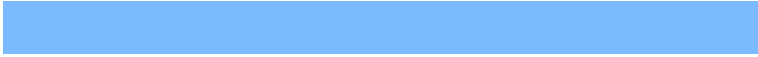
184.8350, -16.1877, 58.9037



170.8820, -14.7318, -34.9765

Complementary

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



175.3880, 38.2627, -45.9443



200.6120, -38.2627, 45.9443

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.



176.5950, -29.3803, -3.1528



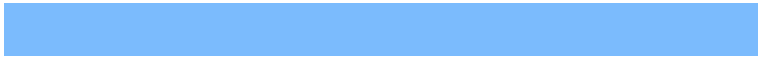
175.3880, 38.2627, -45.9443



182.7400, -28.9588, 48.4630

Square

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



175.3880, 38.2627, -45.9443



186.2700, 0.8529, 53.2602



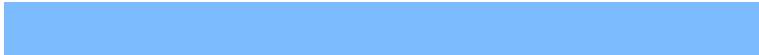
179.8160, -34.4193, 26.4714



163.1670, 6.3267, -69.4295

Rectangle

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



175.3880, 38.2627, -45.9443



186.9790, 22.1954, 21.0664



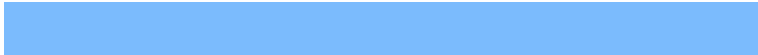
179.8160, -34.4193, 26.4714



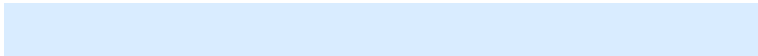
173.1670, -20.2953, -23.8255

Sweetspot

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



175.3880, 38.2627, -45.9443



232.4850, 11.0999, -13.5803



206.7200, -9.2290, -73.4224



114.0790, 6.8631, -7.9623



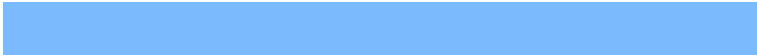
0.0000, 0.0000, 0.0000



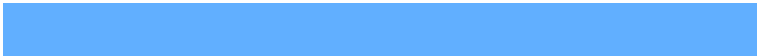
128.0000, 0.0000, 0.0000

Same Dimension

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



175.3880, 38.2627, -45.9443



160.7980, 46.4416, -55.9508



137.8200, 56.7837, -12.9971



120.0040, 3.9420, -4.3885



76.9520, 56.2257, -67.4869



25.4930, 18.9840, -22.3574

Inverse Universe

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



169.1660, 8.7922, 73.5224



153.1340, 10.7799, 89.3365



238.1800, -56.7837, 12.9971



119.5710, 0.7045, 7.3922



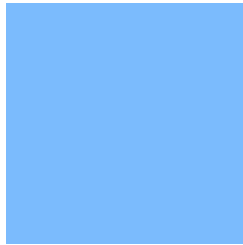
67.8250, 12.9043, 108.0245



22.6700, 4.1067, 36.2464

Previews

White Background



This preview shows how the YUV color 175.3880, 38.2627, -45.9443 looks on a white background.

Color Contrast Check

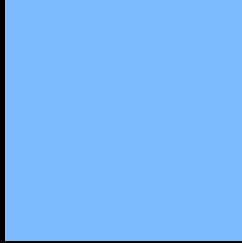
Large Text (above 18pt) WCAG AA × Fail

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 175.3880, 38.2627, -45.9443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

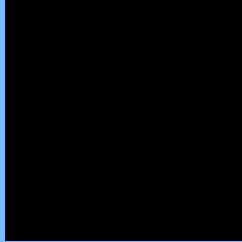
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

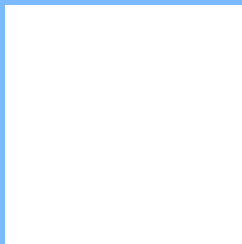
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 175.3880, 38.2627, -45.9443

Background



This preview shows how black text looks on a background with the YUV color 175.3880, 38.2627, -45.9443.



This preview shows how white text looks on a background with the YUV color 175.3880, 38.2627, -45.9443.

-45.9443.

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

175.3880, 38.2627, -45.9443

Protanopia

181.6690, 32.2082, -17.2497

Deuteranopia

180.7870, 36.5870, -21.7382



Tritanopia

171.1100, 19.6658, -54.4705

Trichromacy



Original Color

175.3880, 38.2627, -45.9443

Protanomaly

179.4720, 34.2773, -27.6009

Deuteranomaly

178.8460, 37.0509, -30.5599

Tritanomaly

172.5540, 26.3489, -51.3519

Monochromacy



Original Color

175.3880, 38.2627, -45.9443

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.8590, 13.8735, -16.5393

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.3880, 38.2627, -45.9443 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(123, 187, 253)` looks like.

```
.text, #text, p{  
    color:rgb(123, 187, 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(123, 187, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 187, 253) }
```

Border

The CSS property to change the border of an element to YUV 175.3880, 38.2627, -45.9443 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(123, 187, 253) }
```


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

```
.border{ border-color:rgb(123, 187, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 187, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 187, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 187, 253);  
box-shadow:4px 4px 4px 4px rgb(123, 187,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 175.3880, 38.2627, -45.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 187, 253) }
```

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

```
.background{ background-color: rgb(123,  
187, 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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