

Converting Colors

YUV(161.3880, 38.2627,
-45.9443)

Have a look what the booklet for
YUV(161.3880, 38.2627, -45.9443)
contains.

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Color

**YUV(161.3880, 38.2627,
-45.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	6DADEF
RGB	109, 173, 239
RGB Percent	43%, 68%, 94%
CMY	0.5725, 0.3216, 0.0627
CMYK	0.54, 0.28, 0.00, 0.06
HSL	210°, 80%, 68%
HSV	210°, 54%, 94%
XYZ	36.8302, 39.3703, 87.3194
YIQ	161.3880, -59.3300, 6.9580

Conversions

Conversions Part 2

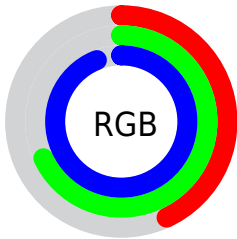
Format	Color
RYB	109, 152, 239
Decimal	7187951
CIELab	69.02, -1.94, -39.23
CIELCh	69, 39.279, 267.174
Yxy	39.3703, 0.2252, 0.2408
Android (android.graphics.Color)	4285378031 (0xFF6DADEF)
YUV	161.3880, 38.2627, -45.9443
Hunter-Lab	62.7458, -5.0300, -38.5882

Details

The YUV color **161.3880, 38.2627, -45.9443** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **186.6120, -38.2627, 45.9443**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1380, 20.6380, -39.5860**, and **105.0450, 38.4318, -53.5365** is the 20% darker color. If you saturate the color by 10%, you get **147.1680, 45.2732, -54.5213**, and if you desaturate by 10%, it is **175.6080, 31.2523, -37.3672**.

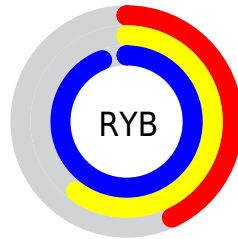
Distribution



Red (43%)

Green (68%)

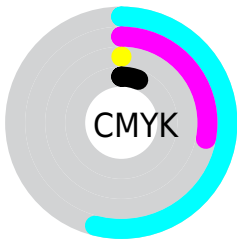
Blue (94%)



Red (43%)

Yellow (60%)

Blue (94%)

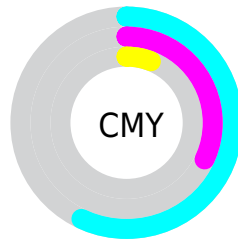


Cyan (54%)

Magenta (28%)

Yellow (0%)

Black (6%)



Cyan (57%)

Magenta (32%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.3880, 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 161.3880, 38.2627, -45.9443 by changing the saturation by 10% instead.

■ 161.3880, 38.2627,
-45.9443

■ 161.3880, 38.2627,
-45.9443

255.0000, 0.0000,
0.0000

■ 133.9640, 37.9787,
-48.2034

■ 213.1380, 20.6380,
-39.5860

■ 105.0450, 38.4318,
-53.5365

■ 237.6580, 8.5496,
-35.6571

■ 74.1360, 40.3590,
-65.0173

■ 246.6280, 4.1274,
-17.2138

■ 57.5570, 35.2214,
-50.4775

■ 41.7930, 30.6681,
-36.6525

■ 26.6160, 25.8253,
-23.3422

■ 9.3190, 23.0137,

-8.1728

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 161.3880, 38.2627,
-45.9443

■ 161.3880, 38.2627,
-45.9443

■ 147.1680, 45.2732,
-54.5213

■ 175.6080, 31.2523,
-37.3672

■ 132.9480, 52.2836,
-63.0984

■ 189.8280, 24.2418,
-28.7902

■ 118.7280, 59.2941,
-71.6755

■ 204.0480, 17.2313,
-20.2131

■ 103.9210, 66.5939,
-79.7377

■ 218.8550, 9.9315,
-12.1508

■ 96.5120, 70.2466,
-84.6410

■ 232.7760, 3.0684,
-4.1886

■ 246.9960, -3.9420,
4.3885

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

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



142.5790, 41.6196, -96.1008



161.3880, 38.2627, -45.9443



170.3010, 30.4176, -2.8950

Triad

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



161.3880, 38.2627, -45.9443



170.5360, -16.0402, 58.2889



157.3980, -14.0002, -36.3060

Complementary

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



161.3880, 38.2627, -45.9443



186.6120, -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.



162.4100, -28.7961, -3.8676



161.3880, 38.2627, -45.9443



168.7290, -28.9534, 46.7187

Square

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



161.3880, 38.2627, -45.9443



172.1560, 0.4161, 53.3602



166.2180, -34.1245, 25.2418



147.9000, 7.9373, -72.7033

Rectangle

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



161.3880, 38.2627, -45.9443



173.1640, 21.6111, 21.7812



166.2180, -34.1245, 25.2418



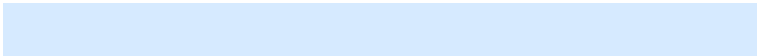
158.9820, -19.7111, -24.5402

Sweetspot

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



161.3880, 38.2627, -45.9443



230.4140, 12.1209, -14.3951



192.7200, -9.2290, -73.4224



112.8940, 7.4473, -8.6770



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.



161.3880, 38.2627, -45.9443



156.0580, 48.7784, -58.8099



123.8200, 56.7837, -12.9971



112.8900, 3.5052, -4.2885



73.8060, 54.3256, -64.7279



22.8200, 16.3577, -20.0131

Inverse Universe

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



155.1660, 8.7922, 73.5224



147.9820, 11.3479, 93.8548



224.1800, -56.7837, 12.9971



112.2720, 0.8519, 6.7775



65.2760, 12.1889, 104.1209



19.9360, 3.9756, 31.6281

Previews

White Background



This preview shows how the YUV color 161.3880, 38.2627, -45.9443 looks on a white background.

Color Contrast Check

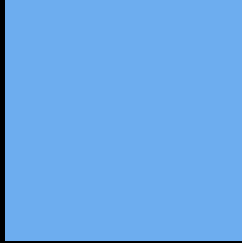
Large Text (above 18pt) WCAG AA × Fail

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 161.3880, 38.2627, -45.9443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

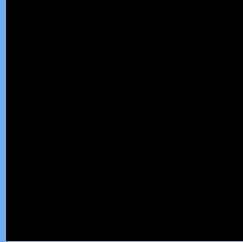
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

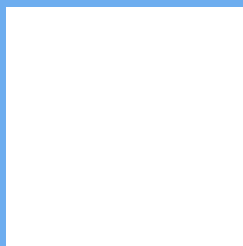
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 161.3880, 38.2627, -45.9443

Background



This preview shows how black text looks on a background with the YUV color 161.3880, 38.2627, -45.9443.



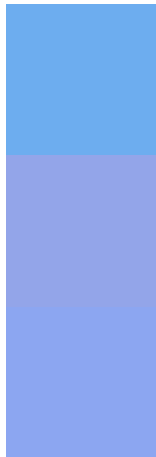
This preview shows how white text looks on a background with the YUV color 161.3880, 38.2627, -45.9443.

-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

161.3880, 38.2627, -45.9443

Protanopia

167.3700, 32.3556, -17.8645

Deuteranopia

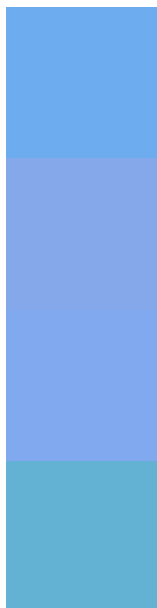
166.7760, 36.5924, -23.4826



Tritanopia

156.3980, 19.5238, -55.6000

Trichromacy



Original Color

161.3880, 38.2627, -45.9443

Protanomaly

165.1730, 34.4247, -28.2157

Deuteranomaly

165.1340, 36.9089, -31.6895

Tritanomaly

158.2550, 26.4963, -51.9666

Monochromacy



Original Color

161.3880, 38.2627, -45.9443

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.8590, 13.8735, -16.5393

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.3880, 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(109, 173, 239)` looks like.

```
.text, #text, p{  
    color:rgb(109, 173, 239)  
}
```

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, 173, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 173, 239) }
```

Border

The CSS property to change the border of an element to YUV 161.3880, 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(109, 173, 239) }
```


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

```
.border{ border-color:rgb(109, 173, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 173, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 173, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 173, 239);  
box-shadow:4px 4px 4px 4px rgb(109, 173,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 161.3880, 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(109, 173, 239) }
```

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

```
.background{ background-color: rgb(109,  
173, 239) }
```

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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