

Converting Colors

YUV(177.7860, 38.0665,
-29.6303)

Have a look what the booklet for
YUV(177.7860, 38.0665, -29.6303)
contains.

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Color

**YUV(177.7860, 38.0665,
-29.6303)**

Conversions

Conversions Part 1

Format	Color
Hex	90B4FF
RGB	144, 180, 255
RGB Percent	56%, 71%, 100%
CMY	0.4353, 0.2941, 0.0000
CMYK	0.44, 0.29, 0.00, 0.00
HSL	221°, 100%, 78%
HSV	221°, 44%, 100%
XYZ	45.8729, 45.7918, 101.0287
YIQ	177.7860, -45.5310, 15.6930

Conversions

Conversions Part 2

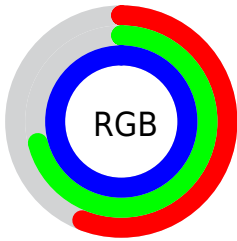
Format	Color
RYB	144, 171, 255
Decimal	9483519
CIELab	73.41, 6.81, -40.91
CIElCh	73, 41.478, 279.453
Yxy	45.7918, 0.2381, 0.2376
Android (android.graphics.Color)	4287673599 (0xFF90B4FF)
YUV	177.7860, 38.0665, -29.6303
Hunter-Lab	67.6696, 2.5822, -41.1494

Details

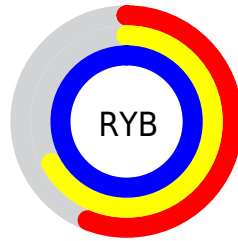
The YUV color **177.7860, 38.0665, -29.6303** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **221.2140, -38.0665, 29.6303**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0000, 13.3110, -22.8020**, and **123.7210, 36.6195, -32.2043** is the 20% darker color. If you saturate the color by 10%, you get **160.3320, 46.6713, -36.2482**, and if you desaturate by 10%, it is **195.5390, 29.3143, -22.3977**.

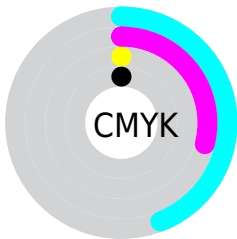
Distribution



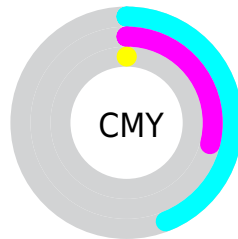
- Red (56%)
- Green (71%)
- Blue (100%)



- Red (56%)
- Yellow (67%)
- Blue (100%)



- Cyan (44%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7860, 38.0665, -29.6303 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 177.7860, 38.0665, -29.6303 by changing the saturation by 10% instead.

■ 177.7860, 38.0665,
-29.6303

■ 177.7860, 38.0665,
-29.6303

255.0000, 0.0000,
0.0000

■ 150.2590, 37.3403,
-30.0451

■ 228.0000, 13.3110,
-22.8020

■ 123.7210, 36.6195,
-32.2043

■ 247.8240, 3.5378,
-14.7546

■ 96.8840, 36.0462,
-34.9783

■ 68.4700, 37.2363,
-43.3852

■ 46.3240, 35.3363,
-40.6261

■ 31.7340, 30.2041,
-27.8307

■ 16.0840, 26.0876,

-14.1057

■ 7.0050, 19.2245,
-6.1434

■ 3.3230, 10.1938,
-2.9143

■ 177.7860, 38.0665,
-29.6303

■ 177.7860, 38.0665,
-29.6303

■ 160.3320, 46.6713,
-36.2482

■ 195.5390, 29.3143,
-22.3977

■ 142.5790, 55.4236,
-43.4808

■ 212.9930, 20.7095,
-15.7799

■ 124.2390, 64.4652,
-50.1986

■ 231.3330, 11.6678,
-9.0620

■ 106.7850, 73.0700,
-56.8164

■ 248.7870, 3.0630,
-2.4442

■ 89.0320, 81.8222, 255.0000, 0.0000,
-64.0491 0.0000

■ 77.7910, 87.3640,
-68.2227

Harmonies

Analogous

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



162.2590, 43.7493, -79.1571



177.7860, 38.0665, -29.6303



184.4880, 26.8744, 13.6040

Triad

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



177.7860, 38.0665, -29.6303



181.8860, -23.6078, 58.8590



164.3510, -6.0890, -53.8048

Complementary

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



177.7860, 38.0665, -29.6303



221.2140, -38.0665, 29.6303

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.



171.8320, -25.5532, -17.3927



177.7860, 38.0665, -29.6303



179.5020, -34.7575, 41.6557

Square

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



177.7860, 38.0665, -29.6303



183.3760, -6.5944, 61.9372



176.3970, -35.6917, 14.5608



151.4220, 19.5120, -98.5941

Rectangle

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



177.7860, 38.0665, -29.6303



185.1120, 17.1998, 36.7358



176.3970, -35.6917, 14.5608



167.7780, -13.6946, -41.0243

Sweetspot

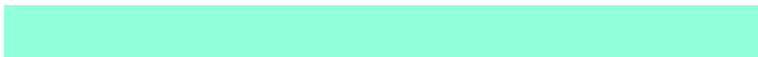
The Sweet Spot groups the original color and five complimentary colors.



177.7860, 38.0665, -29.6303



232.2190, 11.2310, -8.9621



217.5930, 0.2007, -64.5411



113.5030, 7.1470, -5.7031



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.



177.7860, 38.0665, -29.6303



162.4030, 45.6503, -35.4334



162.0360, 45.8313, -0.0316



118.8300, 4.5208, -3.3589



58.1680, 65.4862, -51.0133



19.6230, 21.8779, -17.2094

Inverse Universe

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



181.2930, -0.6374, 64.6410



166.6690, -0.8228, 77.4663



236.6650, -45.6838, -0.5832



119.3430, -0.1691, 7.5922



64.1770, -1.0733, 111.2238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 177.7860, 38.0665, -29.6303 looks on a white background.

Color Contrast Check

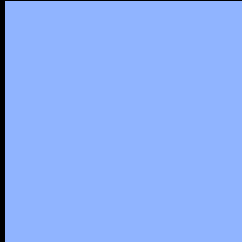
Large Text (above 18pt) WCAG AA × Fail

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 177.7860, 38.0665, -29.6303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

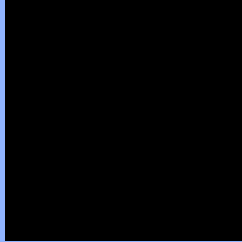
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

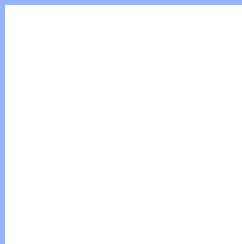
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 177.7860, 38.0665, -29.6303

Background



This preview shows how black text looks on a background with the YUV color 177.7860, 38.0665, -29.6303.



This preview shows how white text looks on a background with the YUV color 177.7860, 38.0665, -29.6303.

-29.6303.

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

177.7860, 38.0665, -29.6303

Protanopia

179.3850, 36.2922, -20.5086

Deuteranopia

179.0040, 37.4660, -23.6825



Tritanopia

173.7700, 15.3964, -38.3863

Trichromacy



Original Color

177.7860, 38.0665, -29.6303

Protanomaly

178.8900, 37.0292, -23.5825

Deuteranomaly

178.6940, 37.6189, -26.0416

Tritanomaly

174.9690, 23.6793, -35.0528

Monochromacy



Original Color

177.7860, 38.0665, -29.6303

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1910, 13.7098, -10.6915

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7860, 38.0665, -29.6303 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(144, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 180, 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(144, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 180, 255) }
```

Border

The CSS property to change the border of an element to YUV 177.7860, 38.0665, -29.6303 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(144, 180, 255) }
```


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

```
.border{ border-color:rgb(144, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 180,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 177.7860, 38.0665, -29.6303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 180, 255) }
```

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

```
.background{ background-color: rgb(144,  
180, 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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