

Converting Colors

YUV(161.2270, 42.2861,
-76.4981)

Have a look what the booklet for
YUV(161.2270, 42.2861, -76.4981)
contains.

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Color

**YUV(161.2270, 42.2861,
-76.4981)**

Conversions

Conversions Part 1

Format	Color
Hex	4ABDF7
RGB	74, 189, 247
RGB Percent	29%, 74%, 97%
CMY	0.7098, 0.2588, 0.0314
CMYK	0.70, 0.23, 0.00, 0.03
HSL	200°, 92%, 63%
HSV	200°, 70%, 97%
XYZ	37.8101, 44.5664, 94.6051
YIQ	161.2270, -87.1580, -6.3420

Conversions

Conversions Part 2

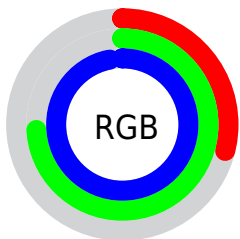
Format	Color
RYB	74, 143, 247
Decimal	4898295
CIELab	72.61, -14.19, -38.08
CIElCh	73, 40.636, 249.558
Yxy	44.5664, 0.2136, 0.2518
Android (android.graphics.Color)	4283088375 (0xFF4ABDF7)
YUV	161.2270, 42.2861, -76.4981
Hunter-Lab	66.7581, -15.7287, -37.2911

Details

The YUV color **161.2270, 42.2861, -76.4981** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **159.7730, -42.2861, 76.4981**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0440, 19.6983, -64.9366**, and **101.4920, 43.6344, -89.0085** is the 20% darker color. If you saturate the color by 10%, you get **149.0560, 48.2864, -87.7491**, and if you desaturate by 10%, it is **173.3980, 36.2858, -65.2470**.

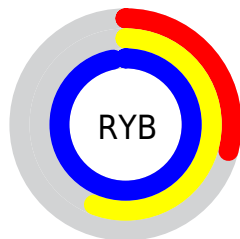
Distribution



Red (29%)

Green (74%)

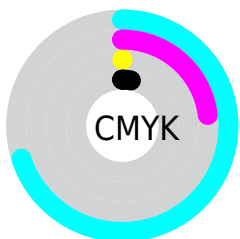
Blue (97%)



Red (29%)

Yellow (56%)

Blue (97%)

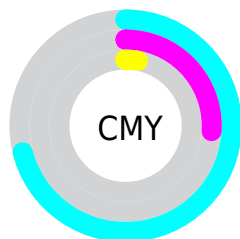


Cyan (70%)

Magenta (23%)

Yellow (0%)

Black (3%)



Cyan (71%)

Magenta (26%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.2270, 42.2861, -76.4981 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 161.2270, 42.2861, -76.4981 by changing the saturation by 10% instead.

■ 161.2270, 42.2861,
-76.4981

■ 161.2270, 42.2861,
-76.4981

■ 255.0000, 0.0000,
0.0000

■ 127.4210, 44.6554,
-89.8232

■ 215.0440, 19.6983,
-64.9366

■ 101.4920, 43.6344,
-89.0085

■ 230.1830, 12.2348,
-51.0265

■ 83.1520, 39.3651,
-72.9243

■ 239.4520, 7.6652,
-31.9684

■ 66.1000, 34.9537,
-57.9697

■ 248.7210, 3.0955,
-12.9103

■ 49.6350, 30.2529,
-43.5299

■ 33.8710, 25.6996,
-29.7049

■ 19.5090, 21.4411,

-17.1094

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 161.2270, 42.2861,
-76.4981

■ 161.2270, 42.2861,
-76.4981

■ 149.0560, 48.2864,
-87.7491

■ 173.3980, 36.2858,
-65.2470

■ 136.5970, 54.4287,
-97.8706

■ 185.8570, 30.1435,
-55.1256

■ 124.4260, 60.4290,
-109.1216

■ 198.0280, 24.1432,
-43.8746

■ 210.1990, 18.1429,
-32.6235

■ 222.0710, 12.2900,
-21.9873

■ 234.8290, 6.0003,
-11.2510

■ 247.0000, 0.0000,
0.0000

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



140.5880, 41.1221, -123.2957



161.2270, 42.2861, -76.4981



175.8570, 37.0455, -28.8156

Triad

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



161.2270, 42.2861, -76.4981



181.2510, -7.0257, 60.2929



169.9460, -25.1164, -17.4926

Complementary

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



161.2270, 42.2861, -76.4981



159.7730, -42.2861, 76.4981

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.



174.6250, -34.8181, 14.3609



161.2270, 42.2861, -76.4981



179.4020, -22.8762, 57.5294

Square

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



161.2270, 42.2861, -76.4981



183.1470, 10.7735, 44.5981



177.4310, -33.7365, 40.8410



163.0630, -5.9471, -52.6753

Rectangle

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



161.2270, 42.2861, -76.4981



181.0240, 30.5542, -0.0210



177.4310, -33.7365, 40.8410



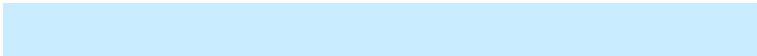
171.5730, -29.3695, -6.6415

Sweetspot

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



161.2270, 42.2861, -76.4981



228.2880, 13.1690, -23.9316



182.1630, -24.7304, -94.8590



111.9750, 7.9003, -14.0101



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.



161.2270, 42.2861, -76.4981



148.7500, 52.3813, -94.4968



110.7450, 67.1737, -32.2254



116.0640, 2.9264, -5.3181



93.9920, 45.3599, -82.4310



29.6190, 14.4848, -25.9759

Inverse Universe

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



138.8370, 24.7304, 94.8590



121.1740, 30.4802, 117.3654



210.2550, -67.1737, 32.2254



114.5000, 1.7255, 6.5775



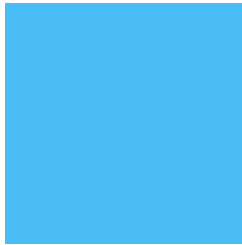
69.7500, 26.7452, 101.9513



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 161.2270, 42.2861, -76.4981 looks on a white background.

Color Contrast Check

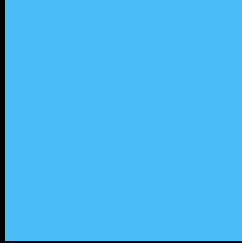
Large Text (above 18pt) WCAG AA × Fail

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 161.2270, 42.2861, -76.4981 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

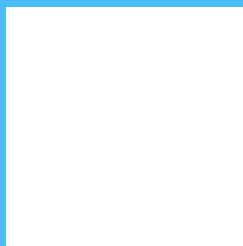
Any Text WCAG AAA ✓ Pass

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

YUV 161.2270, 42.2861, -76.4981 Background



This preview shows how black text looks on a background with the YUV color 161.2270, 42.2861, -76.4981.



This preview shows how white text looks on a background with the YUV color 161.2270, 42.2861, -76.4981.

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

161.2270, 42.2861, -76.4981

Protanopia

177.4690, 28.8558, -15.3203

Deuteranopia

176.0750, 36.4450, -22.8678



Tritanopia

153.1700, 28.5102, -91.3571

Trichromacy



Original Color

161.2270, 42.2861, -76.4981

Protanomaly

171.5910, 33.7256, -37.3523

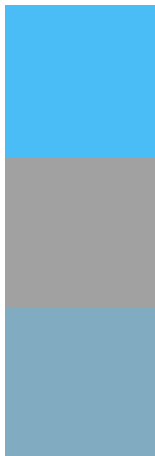
Deuteranomaly

170.5240, 38.6887, -42.5555

Tritanomaly

156.1690, 33.4407, -86.0942

Monochromacy



Original Color

161.2270, 42.2861, -76.4981

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.8360, 15.3639, -27.9202

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.2270, 42.2861, -76.4981 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(74, 189, 247)` looks like.

```
.text, #text, p{  
    color:rgb(74, 189, 247)  
}
```

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(74, 189, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 189, 247) }
```

Border

The CSS property to change the border of an element to YUV 161.2270, 42.2861, -76.4981 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(74, 189, 247) }
```


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

```
.border{ border-color:rgb(74, 189, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 189, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 189, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 189, 247);  
box-shadow:4px 4px 4px 4px rgb(74, 189,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 161.2270, 42.2861, -76.4981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 189, 247) }
```

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

```
.background{ background-color: rgb(74, 189,  
247) }
```

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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