

Converting Colors

YUV(162.3430, 36.3129,
-73.9688)

Have a look what the booklet for
YUV(162.3430, 36.3129, -73.9688)
contains.

YUV(162.3430, 36.3129, -73.9688)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(162.3430, 36.3129,
-73.9688)**

Conversions

Conversions Part 1

Format	Color
Hex	4EBFEC
RGB	78, 191, 236
RGB Percent	31%, 75%, 93%
CMY	0.6941, 0.2510, 0.0745
CMYK	0.67, 0.19, 0.00, 0.07
HSL	197°, 81%, 62%
HSV	197°, 67%, 93%
XYZ	36.9130, 44.9374, 86.0852
YIQ	162.3430, -81.7930, -9.9610

Conversions

Conversions Part 2

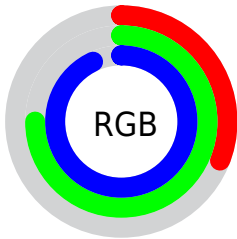
Format	Color
RYB	78, 144, 236
Decimal	5160940
CIELab	72.85, -18.18, -31.74
CIELCh	73, 36.582, 240.199
Yxy	44.9374, 0.2198, 0.2676
Android (android.graphics.Color)	4283351020 (0xFF4EBFEC)
YUV	162.3430, 36.3129, -73.9688
Hunter-Lab	67.0354, -19.0210, -29.2139

Details

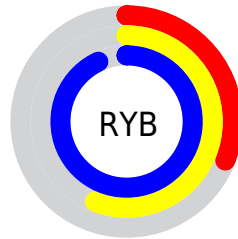
The YUV color **162.3430, 36.3129, -73.9688** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **151.6570, -36.3129, 73.9688**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8160, 18.8247, -64.7366**, and **101.5260, 38.6877, -89.0383** is the 20% darker color. If you saturate the color by 10%, you get **151.0580, 41.8764, -85.1199**, and if you desaturate by 10%, it is **173.6280, 30.7494, -62.8178**.

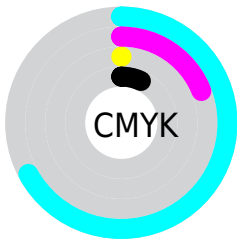
Distribution



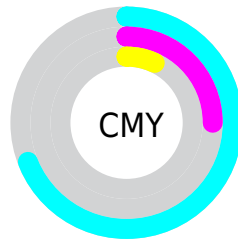
- Red (31%)
- Green (75%)
- Blue (93%)



- Red (31%)
- Yellow (56%)
- Blue (93%)



- Cyan (67%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (69%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.3430, 36.3129, -73.9688 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 162.3430, 36.3129, -73.9688 by changing the saturation by 10% instead.

■ 162.3430, 36.3129,
-73.9688

■ 162.3430, 36.3129,
-73.9688

■ 255.0000, 0.0000,
0.0000

■ 130.7440, 38.0872,
-83.0905

■ 216.8160, 18.8247,
-64.7366

■ 101.5260, 38.6877,
-89.0383

■ 230.4820, 12.0874,
-50.4117

■ 83.1860, 34.4183,
-72.9541

■ 239.7510, 7.5178,
-31.3536

■ 66.1340, 30.0069,
-57.9995

■ 248.7210, 3.0955,
-12.9103

■ 49.1960, 26.0324,
-43.1449

■ 33.5460, 21.9158,
-29.4198

■ 18.4830, 17.5099,

-16.2096

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 162.3430, 36.3129,
-73.9688

■ 162.3430, 36.3129,
-73.9688

■ 151.0580, 41.8764,
-85.1199

■ 173.6280, 30.7494,
-62.8178

■ 140.6590, 47.0031,
-96.1709

■ 184.0270, 25.6227,
-51.7667

■ 129.3740, 52.5666,
-107.3220

■ 195.3120, 20.0592,
-40.6156

■ 126.1070, 54.1772,
-110.5958

■ 206.2980, 14.6431,
-30.0793

■ 217.5830, 9.0796,
-18.9283

■ 228.2810, 3.8055,
-7.2624

■ 239.2670, -1.6106,
3.2738

■ 246.9640, -5.4053,
7.0476

■ 250.4860, -7.1416,
3.9588

Harmonies

Analogous

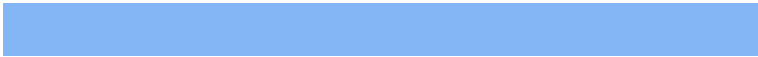
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



154.9530, 27.6312, -89.4128



162.3430, 36.3129, -73.9688



174.2320, 34.8886, -37.0375

Triad

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



162.3430, 36.3129, -73.9688



182.6890, -1.3257, 52.0157



173.0830, -26.1699, -6.2118

Complementary

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



162.3430, 36.3129, -73.9688



151.6570, -36.3129, 73.9688

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.



176.6520, -32.3664, 21.3532



162.3430, 36.3129, -73.9688



180.9870, -16.7556, 54.3854

Square

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



162.3430, 36.3129, -73.9688



183.6940, 14.4479, 32.7174



178.9350, -28.0690, 43.0300



167.9680, -11.8162, -36.8059

Rectangle

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



162.3430, 36.3129, -73.9688



179.5450, 30.2973, -11.0020



178.9350, -28.0690, 43.0300



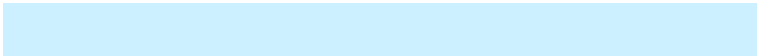
174.3400, -29.2546, 3.2098

Sweetspot

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



162.3430, 36.3129, -73.9688



230.9460, 11.8586, -23.6316



175.8760, -26.0679, -85.8373



113.4480, 7.1741, -14.4249



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.



162.3430, 36.3129, -73.9688



159.9580, 46.8557, -95.5562



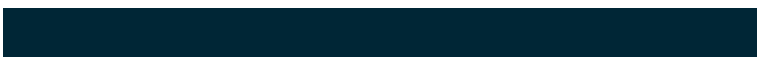
115.9700, 59.1748, -33.2997



111.9500, 2.4897, -5.2181



96.3570, 41.7290, -84.5051



28.4620, 12.5902, -24.9612

Inverse Universe

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



138.1240, 26.0679, 85.8373



128.6400, 33.7015, 110.8177



198.0300, -59.1748, 33.2997



110.2010, 1.8729, 5.9627



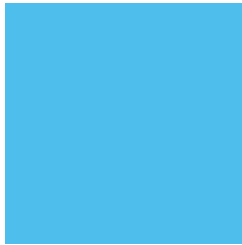
68.8250, 29.6663, 98.3775



20.4780, 8.6383, 29.3988

Previews

White Background



This preview shows how the YUV color 162.3430, 36.3129, -73.9688 looks on a white background.

Color Contrast Check

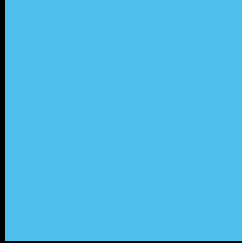
Large Text (above 18pt) WCAG AA × Fail

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 162.3430, 36.3129, -73.9688 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 162.3430, 36.3129, -73.9688 Background



This preview shows how black text looks on a background with the YUV color 162.3430, 36.3129, -73.9688.



This preview shows how white text looks on a background with the YUV color 162.3430, 36.3129, -73.9688.

-73.9688.

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

162.3430, 36.3129, -73.9688

Protanopia

178.2970, 23.0246, -11.6615

Deuteranopia

177.9250, 30.6030, -15.7202



Tritanopia

157.6550, 26.2991, -82.1354

Trichromacy



Original Color

162.3430, 36.3129, -73.9688

Protanomaly

172.1200, 28.0418, -34.3082

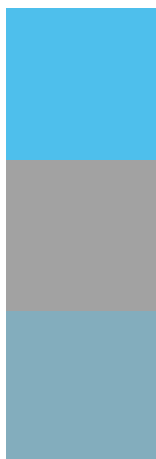
Deuteranomaly

172.3630, 32.8520, -37.1524

Tritanomaly

159.5890, 29.7826, -79.4466

Monochromacy



Original Color

162.3430, 36.3129, -73.9688

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.2660, 13.1799, -27.4203

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.3430, 36.3129, -73.9688 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(78, 191, 236)` looks like.

```
.text, #text, p{  
    color:rgb(78, 191, 236)  
}
```

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(78, 191, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 191, 236) }
```

Border

The CSS property to change the border of an element to YUV 162.3430, 36.3129, -73.9688 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(78, 191, 236) }
```


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

```
.border{ border-color:rgb(78, 191, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 191, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 191, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 191, 236);  
box-shadow:4px 4px 4px 4px rgb(78, 191,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 162.3430, 36.3129, -73.9688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 191, 236) }
```

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

```
.background{ background-color: rgb(78, 191,  
236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor