

# Converting Colors

YUV(160.2530, 29.4553,  
-67.7509)

Have a look what the booklet for  
YUV(160.2530, 29.4553, -67.7509)  
contains.

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# Color

**YUV(160.2530, 29.4553,  
-67.7509)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53BCDC
RGB	83, 188, 220
RGB Percent	33%, 74%, 86%
CMY	0.6745, 0.2627, 0.1373
CMYK	0.62, 0.15, 0.00, 0.14
HSL	194°, 66%, 59%
HSV	194°, 62%, 86%
XYZ	34.4688, 42.9727, 74.1880
YIQ	160.2530, -72.8520, -12.3080

# Conversions

## Conversions Part 2

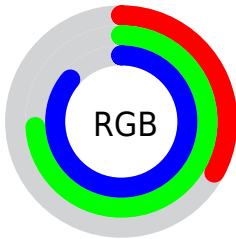
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 142, 220
Decimal	5487836
CIE <sub>Lab</sub>	71.54, -20.75, -25.07
CIE <sub>LCh</sub>	72, 32.541, 230.377
Yxy	42.9727, 0.2273, 0.2834
Android (android.graphics.Color)	4283677916 (0xFF53BCDC)
YUV	160.2530, 29.4553, -67.7509
Hunter-Lab	65.5536, -20.8616, -21.2119

# Details

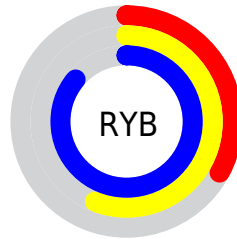
The YUV color **160.2530, 29.4553, -67.7509** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **142.7470, -29.4553, 67.7509**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6530, 19.3981, -61.9627**, and **98.0550, 33.0039, -85.9942** is the 20% darker color. If you saturate the color by 10%, you get **150.7400, 34.1452, -78.7020**, and if you desaturate by 10%, it is **169.7660, 24.7654, -56.7998**.

# Distribution



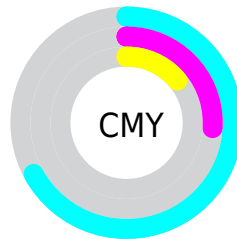
- Red (33%)
- Green (74%)
- Blue (86%)



- Red (33%)
- Yellow (56%)
- Blue (86%)



- Cyan (62%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)



- Cyan (67%)
- Magenta (26%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 160.2530, 29.4553, -67.7509 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 160.2530, 29.4553, -67.7509 by changing the saturation by 10% instead.



■ 160.2530, 29.4553,  
-67.7509

■ 160.2530, 29.4553,  
-67.7509

■ 255.0000, 0.0000,  
0.0000

■ 130.4480, 30.3451,  
-73.1839

■ 215.6530, 19.3981,  
-61.9627

■ 98.0550, 33.0039,  
-85.9942

■ 230.7810, 11.9400,  
-49.7969

■ 79.7150, 28.7345,  
-69.9101

■ 239.7510, 7.5178,  
-31.3536

■ 62.7770, 24.7599,  
-55.0554

■ 249.0200, 2.9481,  
-12.2955

■ 45.8390, 20.7854,  
-40.2008

■ 30.3030, 17.1056,  
-26.5757

■ 12.5330, 15.0202,

-10.9914

■ 2.9810, 8.8834,  
-2.6143

■ 0.0000, 0.0000,  
0.0000

■ 160.2530, 29.4553,  
-67.7509

■ 160.2530, 29.4553,  
-67.7509

■ 150.7400, 34.1452,  
-78.7020

■ 169.7660, 24.7654,  
-56.7998

■ 141.2270, 38.8351,  
-89.6531

■ 179.2790, 20.0755,  
-45.8487

■ 131.7140, 43.5250,  
-100.6042

■ 188.7920, 15.3855,  
-34.8976

■ 124.2830, 47.1885,  
-108.9962

■ 198.8920, 10.4062,  
-24.4613

■ 208.4050, 5.7163,  
-13.5102

■ 217.9180, 1.0264,  
-2.5591

■ 227.4310, -3.6635,  
8.3920

■ 235.7480, -7.7638,  
16.8840

■ 238.6830, -9.2107,  
14.3100

# Harmonies

## Analogous

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



157.9680, 18.2568, -69.2549



160.2530, 29.4553, -67.7509



168.9880, 31.5579, -42.0855

# Triad

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



160.2530, 29.4553, -67.7509



179.4750, 3.2168, 41.6794



171.5510, -25.9076, 3.0248

# Complementary

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



160.2530, 29.4553, -67.7509



142.7470, -29.4553, 67.7509

# 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.



174.4230, -28.3095, 26.8160



160.2530, 29.4553, -67.7509



178.1480, -10.9190, 48.9822

# Square

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



160.2530, 29.4553, -67.7509



179.7850, 16.3750, 21.2366



176.4280, -22.3960, 43.4746



167.4320, -15.4960, -23.1809



# Rectangle

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



160.2530, 29.4553, -67.7509



174.4360, 28.8721, -20.5534



176.4280, -22.3960, 43.4746



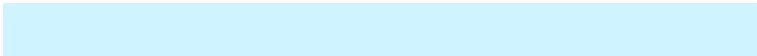
172.7370, -27.9713, 11.6317

# Sweetspot

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



160.2530, 29.4553, -67.7509



234.1910, 10.2588, -23.8465



167.0670, -25.6690, -73.7268



114.9210, 6.4479, -14.8397



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.



160.2530, 29.4553, -67.7509



171.4760, 41.1773, -94.2565



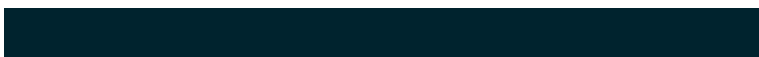
120.3370, 49.1339, -32.7445



104.9500, 2.4896, -5.2182



97.7930, 37.0771, -85.7645



25.7890, 9.9640, -22.6170



# Inverse Universe

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



135.9330, 25.6690, 73.7268



137.7530, 35.6178, 102.8256



182.6630, -49.1339, 32.7445



103.2010, 1.8729, 5.9627



66.8890, 32.5927, 93.0593



17.7440, 8.5072, 24.7805



# Previews

## White Background



This preview shows how the YUV color 160.2530, 29.4553, -67.7509 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

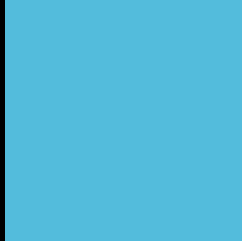
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 160.2530, 29.4553, -67.7509 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

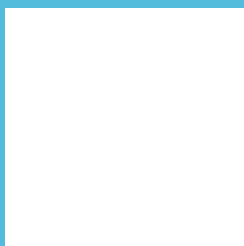
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 160.2530, 29.4553, -67.7509

## Background



This preview shows how black text looks on a background with the YUV color 160.2530, 29.4553, -67.7509.



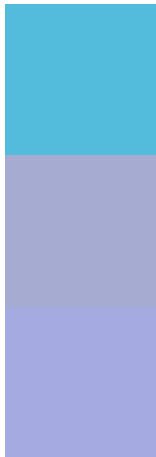
This preview shows how white text looks on a background with the YUV color 160.2530, 29.4553, -67.7509.



# 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

160.2530, 29.4553, -67.7509

### Protanopia

174.4240, 17.0460, -7.3878

### Deuteranopia

175.2480, 24.0347, -8.9875



## Tritanopia

157.7380, 23.7932, -71.6842

# Trichromacy



## Original Color

160.2530, 29.4553, -67.7509

## Protanomaly

169.4320, 21.4790, -29.3199

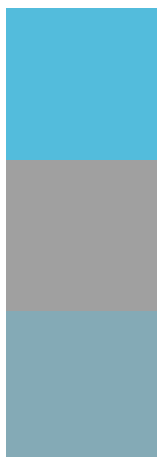
## Deuteranomaly

169.6860, 26.2838, -30.4196

## Tritanomaly

158.6180, 25.8243, -69.8250

# Monochromacy



## Original Color

160.2530, 29.4553, -67.7509

## Achromatopsia

160.0000, 0.0000, 0.0000

## Achromatomaly

160.0060, 10.8430, -24.5613

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.2530, 29.4553, -67.7509 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(83, 188, 220)` looks like.

```
.text, #text, p{  
    color:rgb(83, 188, 220)  
}
```

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(83, 188, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 188, 220) }
```

## Border

The CSS property to change the border of an element to YUV 160.2530, 29.4553, -67.7509 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(83, 188, 220) }
```



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

```
.border{ border-color:rgb(83, 188, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 188, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 188, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 188, 220);  
box-shadow:4px 4px 4px 4px rgb(83, 188,  
220) }
```

# Background

The CSS property to change the background color of an element to YUV 160.2530, 29.4553, -67.7509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 188, 220) }
```

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

```
.background{ background-color: rgb(83, 188,  
220) }
```

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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