

Converting Colors

YUV(156.6370, 33.7030,
-76.8576)

Have a look what the booklet for
YUV(156.6370, 33.7030, -76.8576)
contains.

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Color

**YUV(156.6370, 33.7030,
-76.8576)**

Conversions

Conversions Part 1

Format	Color
Hex	45BCE1
RGB	69, 188, 225
RGB Percent	27%, 74%, 88%
CMY	0.7294, 0.2627, 0.1176
CMYK	0.69, 0.16, 0.00, 0.12
HSL	194°, 72%, 58%
HSV	194°, 69%, 88%
XYZ	34.0281, 42.6679, 77.6764
YIQ	156.6370, -82.8010, -13.7210

Conversions

Conversions Part 2

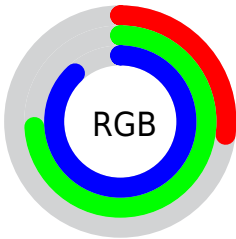
Format	Color
RYB	69, 137, 225
Decimal	4570337
CIELab	71.33, -21.38, -28.14
CIELCh	71, 35.342, 232.767
Yxy	42.6679, 0.2204, 0.2764
Android (android.graphics.Color)	4282760417 (0xFF45BCE1)
YUV	156.6370, 33.7030, -76.8576
Hunter-Lab	65.3207, -21.3236, -24.7806

Details

The YUV color **156.6370, 33.7030, -76.8576** 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 **137.3630, -33.7030, 76.8576**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.6630, 20.8721, -68.1105**, and **98.6250, 35.1879, -86.4941** is the 20% darker color. If you saturate the color by 10%, you get **146.8250, 38.5403, -88.4235**, and if you desaturate by 10%, it is **166.1500, 29.0130, -65.9066**.

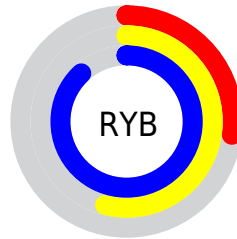
Distribution



Red (27%)

Green (74%)

Blue (88%)



Red (27%)

Yellow (54%)

Blue (88%)

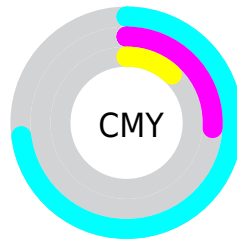


Cyan (69%)

Magenta (16%)

Yellow (0%)

Black (12%)



Cyan (73%)

Magenta (26%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.6370, 33.7030, -76.8576 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 156.6370, 33.7030, -76.8576 by changing the saturation by 10% instead.

■ 156.6370, 33.7030,
-76.8576

■ 156.6370, 33.7030,
-76.8576

255.0000, 0.0000,
0.0000

■ 122.9450, 36.5091,
-90.2828

■ 212.6630, 20.8721,
-68.1105

■ 98.6250, 35.1879,
-86.4941

■ 228.0900, 13.2666,
-55.3299

■ 80.2850, 30.9185,
-70.4099

■ 237.3590, 8.6970,
-36.2718

■ 63.2330, 26.5071,
-55.4553

■ 246.3290, 4.2748,
-17.8285

■ 46.2950, 22.5326,
-40.6007

■ 30.7590, 18.8528,
-26.9756

■ 12.8750, 16.3306,

-11.2914

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 156.6370, 33.7030,
-76.8576

■ 156.6370, 33.7030,
-76.8576

■ 146.8250, 38.5403,
-88.4235

■ 166.1500, 29.0130,
-65.9066

■ 136.7250, 43.5196,
-98.8598

■ 176.5490, 23.8863,
-54.8555

■ 126.9130, 48.3569,
-110.4257

■ 186.0620, 19.1964,
-43.9044

■ 126.6140, 48.5043,
-111.0405

■ 195.8740, 14.3591,
-32.3385

■ 205.9740, 9.3798,
-21.9022

■ 215.7860, 4.5425,
-10.3363

■ 225.5980, -0.2948,
1.2296

■ 235.6980, -5.2741,
11.6659

■ 240.4270, -7.6055,
12.7805

Harmonies

Analogous

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



153.2160, 22.0785, -81.7504



156.6370, 33.7030, -76.8576



167.7750, 34.6209, -44.5297

Triad

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



156.6370, 33.7030, -76.8576



178.9810, 2.4744, 46.4977



169.7850, -27.5020, 1.0656

Complementary

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



156.6370, 33.7030, -76.8576



137.3630, -33.7030, 76.8576

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.



173.4400, -30.7829, 26.8011



156.6370, 33.7030, -76.8576



177.0130, -12.8244, 53.4856

Square

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



156.6370, 33.7030, -76.8576



179.3340, 17.0903, 25.1401



175.4560, -24.8748, 45.2041



165.8120, -15.1903, -27.8991

Rectangle

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



156.6370, 33.7030, -76.8576



174.0170, 31.0506, -19.3089



175.4560, -24.8748, 45.2041



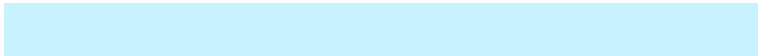
171.2700, -29.7131, 10.2872

Sweetspot

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



156.6370, 33.7030, -76.8576



231.2230, 11.7221, -26.5056



164.6760, -29.4203, -83.9079



113.7360, 7.0322, -15.5545



0.0000, 0.0000, 0.0000



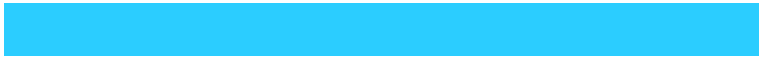
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



156.6370, 33.7030, -76.8576



162.2620, 45.7198, -104.5928



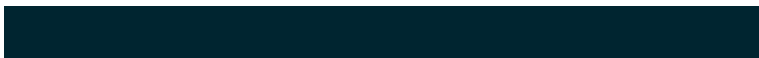
111.4380, 55.9861, -37.2181



107.5370, 2.2003, -5.7329



98.7220, 38.0981, -86.5792



27.1910, 10.2588, -23.8465

Inverse Universe

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



129.2100, 28.9835, 84.0078



124.8560, 39.5110, 114.1363



182.5620, -55.9861, 37.2181



105.3150, 2.3097, 5.8627



67.9000, 32.5873, 94.8037



18.5700, 9.0860, 25.8101

Previews

White Background



This preview shows how the YUV color 156.6370, 33.7030, -76.8576 looks on a white background.

Color Contrast Check

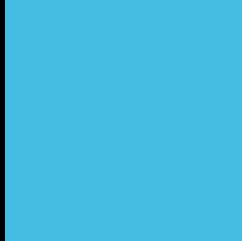
Large Text (above 18pt) WCAG AA × Fail

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 156.6370, 33.7030, -76.8576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

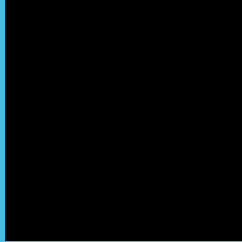
Any Text WCAG AA ✓ Pass

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 156.6370, 33.7030, -76.8576 Background



This preview shows how black text looks on a background with the YUV color 156.6370, 33.7030, -76.8576.



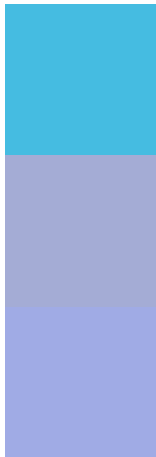
This preview shows how white text looks on a background with the YUV color 156.6370, 33.7030,

-76.8576.

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

156.6370, 33.7030, -76.8576

Protanopia

174.2820, 19.0880, -9.0173

Deuteranopia

174.3230, 26.9558, -12.5613



Tritanopia

152.7580, 26.7413, -83.9798

Trichromacy



Original Color

156.6370, 33.7030, -76.8576

Protanomaly

167.7950, 24.2581, -34.0232

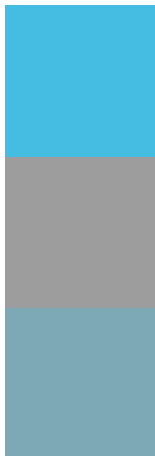
Deuteranomaly

167.8640, 29.6470, -35.8377

Tritanomaly

154.1650, 29.4987, -81.7057

Monochromacy



Original Color

156.6370, 33.7030, -76.8576

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.7390, 12.4537, -27.8351

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.6370, 33.7030, -76.8576 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(69, 188, 225)` looks like.

```
.text, #text, p{  
    color:rgb(69, 188, 225)  
}
```

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(69, 188, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 188, 225) }
```

Border

The CSS property to change the border of an element to YUV 156.6370, 33.7030, -76.8576 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(69, 188, 225) }
```


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

```
.border{ border-color:rgb(69, 188, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 188, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 188, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 188, 225);  
box-shadow:4px 4px 4px 4px rgb(69, 188,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 156.6370, 33.7030, -76.8576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 188, 225) }
```

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

```
.background{ background-color: rgb(69, 188,  
225) }
```

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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