

Converting Colors

YUV(160.6640, 32.7036,
-83.0203)

Have a look what the booklet for
YUV(160.6640, 32.7036, -83.0203)
contains.

YUV(160.6640, 32.7036, -83.0203)	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(160.6640, 32.7036,
-83.0203)**

Conversions

Conversions Part 1

Format	Color
Hex	42C4E3
RGB	66, 196, 227
RGB Percent	26%, 77%, 89%
CMY	0.7412, 0.2314, 0.1098
CMYK	0.71, 0.14, 0.00, 0.11
HSL	192°, 74%, 57%
HSV	192°, 71%, 89%
XYZ	35.8518, 46.1842, 79.6979
YIQ	160.6640, -87.4310, -17.9190

Conversions

Conversions Part 2

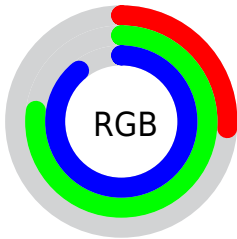
Format	Color
R _{YB}	66, 138, 227
Decimal	4375779
CIE Lab	73.66, -25.22, -25.65
CIE LCh	74, 35.971, 225.483
Yxy	46.1842, 0.2217, 0.2856
Android (android.graphics.Color)	4282565859 (0xFF42C4E3)
YUV	160.6640, 32.7036, -83.0203
Hunter-Lab	67.9589, -24.7602, -21.9603

Details

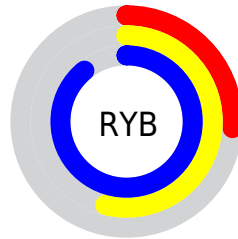
The YUV color **160.6640, 32.7036, -83.0203** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **132.3360, -32.7036, 83.0203**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6470, 18.4150, -73.3584**, and **102.9620, 34.0357, -90.2977** is the 20% darker color. If you saturate the color by 10%, you get **151.4390, 37.2516, -95.1010**, and if you desaturate by 10%, it is **169.8890, 28.1557, -70.9397**.

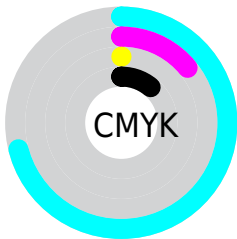
Distribution



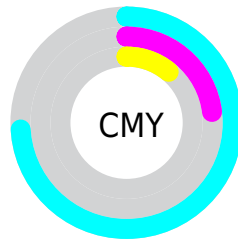
- Red (26%)
- Green (77%)
- Blue (89%)



- Red (26%)
- Yellow (54%)
- Blue (89%)



- Cyan (71%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (74%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.6640, 32.7036, -83.0203 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 160.6640, 32.7036, -83.0203 by changing the saturation by 10% instead.

■ 160.6640, 32.7036,
-83.0203

■ 160.6640, 32.7036,
-83.0203

■ 255.0000, 0.0000,
0.0000

■ 123.6830, 37.1313,
-103.2080

■ 217.6470, 18.4150,
-73.3584

■ 102.9620, 34.0357,
-90.2977

■ 228.0900, 13.2666,
-55.3299

■ 84.6220, 29.7664,
-74.2135

■ 237.0600, 8.8444,
-36.8866

■ 66.9830, 25.6444,
-58.7441

■ 246.3290, 4.2748,
-17.8285

■ 50.0450, 21.6698,
-43.8895

■ 34.5090, 17.9901,
-30.2644

■ 18.9730, 14.3103,

-16.6393

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 160.6640, 32.7036,
-83.0203

■ 160.6640, 32.7036,
-83.0203

■ 151.4390, 37.2516,
-95.1010

■ 169.8890, 28.1557,
-70.9397

■ 141.9260, 41.9415,
-106.0521

■ 179.4020, 23.4658,
-59.9886

■ 133.2990, 46.1946,
-116.9032

■ 188.6270, 18.9179,
-47.9079

■ 197.8520, 14.3700,
-35.8272

■ 207.3650, 9.6801,
-24.8761

■ 216.5900, 5.1321,
-12.7954

■ 226.4020, 0.2948,
-1.2296

■ 235.6270, -4.2531,
10.8511

■ 240.0680, -6.4425,
13.0954

Harmonies

Analogous

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



160.5000, 17.9945, -78.4915



160.6640, 32.7036, -83.0203



171.3500, 35.8165, -54.6809

Triad

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



160.6640, 32.7036, -83.0203



185.8820, 5.9742, 43.9535



176.9600, -29.5603, 7.9281

Complementary

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



160.6640, 32.7036, -83.0203



132.3360, -32.7036, 83.0203

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.



180.0710, -31.0940, 33.2637



160.6640, 32.7036, -83.0203



183.9360, -9.3354, 54.4301

Square

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



160.6640, 32.7036, -83.0203



184.9140, 20.7484, 18.4924



182.5320, -23.4333, 49.5224



173.1180, -19.2852, -21.1515

Rectangle

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



160.6640, 32.7036, -83.0203



178.2330, 33.4091, -29.1453



182.5320, -23.4333, 49.5224



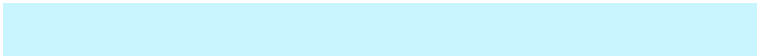
178.2600, -31.1872, 16.4350

Sweetspot

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



160.6640, 32.7036, -83.0203



232.9840, 10.8539, -28.0500



163.9270, -33.4880, -85.8820



114.3230, 6.7428, -16.0693



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.



160.6640, 32.7036, -83.0203



165.4630, 44.1417, -111.7851



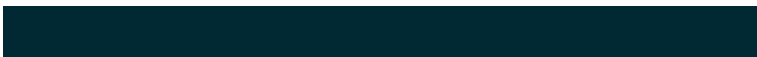
114.2910, 55.5655, -42.3512



110.2380, 2.3477, -6.3477



104.9340, 36.5145, -92.0271



29.8810, 10.4117, -26.2056

Inverse Universe

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



128.9590, 33.0512, 85.9820



122.8330, 44.4523, 115.9105



178.7090, -55.5655, 42.3512



107.7280, 2.5991, 6.3775



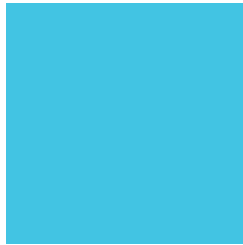
69.9370, 36.5131, 95.6483



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 160.6640, 32.7036, -83.0203 looks on a white background.

Color Contrast Check

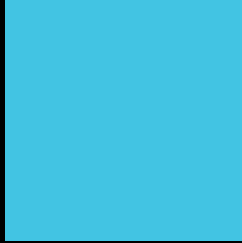
Large Text (above 18pt) WCAG AA × Fail

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 160.6640, 32.7036, -83.0203 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 160.6640, 32.7036, -83.0203 Background



This preview shows how black text looks on a background with the YUV color 160.6640, 32.7036, -83.0203.

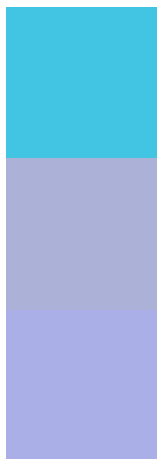


This preview shows how white text looks on a background with the YUV color 160.6640, 32.7036, -83.0203.

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

160.6640, 32.7036, -83.0203

Protanopia

180.4240, 17.0460, -7.3878

Deuteranopia

180.4760, 24.9083, -9.1875



Tritanopia

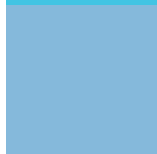
157.6650, 27.7732, -88.2832

Trichromacy



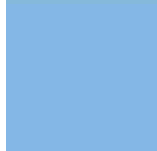
Original Color

160.6640, 32.7036, -83.0203



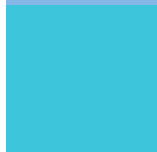
Protanomaly

173.3280, 22.5163, -35.3677



Deuteranomaly

173.1090, 28.0473, -36.0526



Tritanomaly

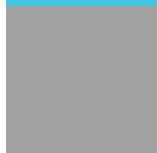
158.5450, 29.8043, -86.4240

Monochromacy



Original Color

160.6640, 32.7036, -83.0203



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

160.9020, 11.8803, -30.6091

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.6640, 32.7036, -83.0203 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(66, 196, 227)` looks like.

```
.text, #text, p{  
    color:rgb(66, 196, 227)  
}
```

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(66, 196, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 196, 227) }
```

Border

The CSS property to change the border of an element to YUV 160.6640, 32.7036, -83.0203 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(66, 196, 227) }
```


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

```
.border{ border-color:rgb(66, 196, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 196, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 196, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 196, 227);  
box-shadow:4px 4px 4px 4px rgb(66, 196,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 160.6640, 32.7036, -83.0203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 196, 227) }
```

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

```
.background{ background-color: rgb(66, 196,  
227) }
```

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