

Converting Colors

YUV(158.6660, 39.6047,
-103.1931)

Have a look what the booklet for
YUV(158.6660, 39.6047, -103.1931)
contains.

YUV(158.6660, 39.6047, -103.1931)	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(158.6660, 39.6047,
-103.1931)**

Conversions

Conversions Part 1

Format	Color
Hex	29CBEF
RGB	41, 203, 239
RGB Percent	16%, 80%, 94%
CMY	0.8392, 0.2039, 0.0627
CMYK	0.83, 0.15, 0.00, 0.06
HSL	191°, 86%, 55%
HSV	191°, 83%, 94%
XYZ	37.8504, 49.4153, 89.2045
YIQ	158.6660, -108.1080, -23.1480

Conversions

Conversions Part 2

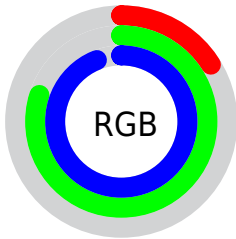
Format	Color
R_{YB}	41, 130, 239
Decimal	2739183
CIE _{Lab}	75.71, -27.44, -29.02
CIE _{LCh}	76, 39.941, 226.608
Yxy	49.4153, 0.2145, 0.2800
Android (android.graphics.Color)	4280929263 (0xFF29CBEF)
YUV	158.6660, 39.6047, -103.1931
Hunter-Lab	70.2960, -26.9060, -26.0309

Details

The YUV color **158.6660, 39.6047, -103.1931** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **121.3340, -39.6047, 103.1931**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2330, 19.6051, -81.7653**, and **108.3250, 36.8148, -95.0010** is the 20% darker color. If you saturate the color by 10%, you get **149.1420, 44.3000, -115.8885**, and if you desaturate by 10%, it is **168.1900, 34.9093, -90.4976**.

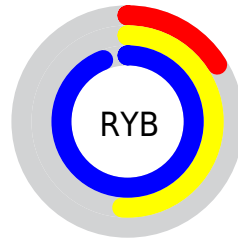
Distribution



Red (16%)

Green (80%)

Blue (94%)



Red (16%)

Yellow (51%)

Blue (94%)

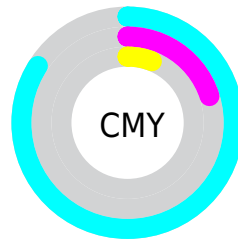


Cyan (83%)

Magenta (15%)

Yellow (0%)

Black (6%)



Cyan (84%)

Magenta (20%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6660, 39.6047, -103.1931 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 158.6660, 39.6047, -103.1931 by changing the saturation by 10% instead.

■ 158.6660, 39.6047,
-103.1931

■ 158.6660, 39.6047,
-103.1931

■ 255.0000, 0.0000,
0.0000

■ 126.7790, 41.5210,
-111.1852

■ 215.2330, 19.6051,
-81.7653

■ 108.3250, 36.8148,
-95.0010

■ 225.1000, 14.7407,
-61.4777

■ 89.9850, 32.5454,
-78.9168

■ 234.6680, 10.0237,
-41.8048

■ 71.7590, 28.7128,
-62.9326

■ 243.9370, 5.4541,
-22.7467

■ 54.8210, 24.7382,
-48.0780

■ 253.5050, 0.7370,
-3.0739

■ 38.4700, 20.4743,
-33.7382

■ 24.6950, 15.9264,

-21.6575

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 158.6660, 39.6047,
-103.1931

■ 158.6660, 39.6047,
-103.1931

■ 149.1420, 44.3000,
-115.8885

■ 168.1900, 34.9093,
-90.4976

■ 142.2980, 47.6741,
-124.7953

■ 178.3010, 29.9246,
-78.3170

■ 187.8250, 25.2293,
-65.6215

■ 197.3490, 20.5339,
-52.9261

■ 207.1610, 15.6966,
-41.3602

■ 216.6850, 11.0013,
-28.6647

■ 226.2090, 6.3060,
-15.9693

■ 236.3200, 1.3212,
-3.7886

■ 245.5450, -3.2267,
8.2920

Harmonies

Analogous

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



159.0570, 23.1429, -96.5200



158.6660, 39.6047, -103.1931



174.6310, 39.6219, -61.9434

Triad

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



158.6660, 39.6047, -103.1931



191.4420, 6.6841, 49.6014



182.0370, -33.0492, 6.9836

Complementary

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



158.6660, 39.6047, -103.1931



121.3340, -39.6047, 103.1931

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.



185.4580, -34.7358, 34.6783



158.6660, 39.6047, -103.1931



188.0290, -10.3673, 58.7336

Square

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



158.6660, 39.6047, -103.1931



191.3920, 22.4847, 21.5812



187.5820, -25.9229, 54.7406



177.3410, -20.8741, -24.8551

Rectangle

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



158.6660, 39.6047, -103.1931



182.7920, 35.5985, -31.3896



187.5820, -25.9229, 54.7406



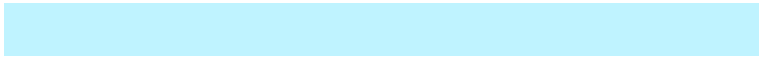
183.2340, -35.1184, 17.3348

Sweetspot

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



158.6660, 39.6047, -103.1931



228.8200, 12.9067, -33.1681



160.9880, -42.8851, -105.2295



112.2300, 7.7746, -20.3727



0.0000, 0.0000, 0.0000



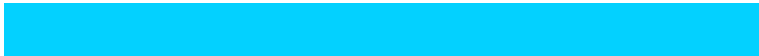
128.0000, 0.0000, 0.0000

Same Dimension

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



158.6660, 39.6047, -103.1931



152.6500, 50.4585, -131.2431



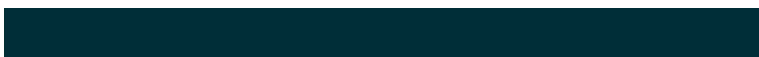
102.3140, 67.3862, -53.7724



115.2380, 2.3477, -6.3477



109.0260, 36.9622, -95.6158



33.3860, 11.1487, -29.2795

Inverse Universe

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



118.6700, 41.5747, 105.5294



101.8320, 52.8338, 134.3283



177.6860, -67.3862, 53.7724



112.7280, 2.5991, 6.3775



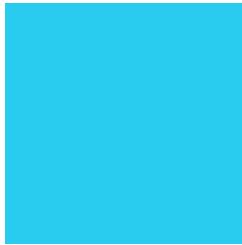
72.1160, 38.3968, 98.1223



21.9880, 11.8379, 29.8285

Previews

White Background



This preview shows how the YUV color 158.6660, 39.6047, -103.1931 looks on a white background.

Color Contrast Check

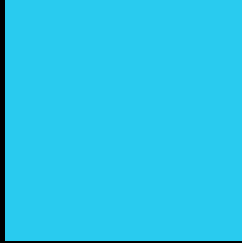
Large Text (above 18pt) WCAG AA × Fail

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 158.6660, 39.6047, -103.1931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

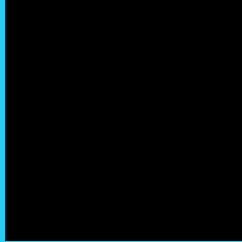
Any Text WCAG AA ✓ Pass

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 158.6660, 39.6047, -103.1931 Background



This preview shows how black text looks on a background with the YUV color 158.6660, 39.6047, -103.1931.

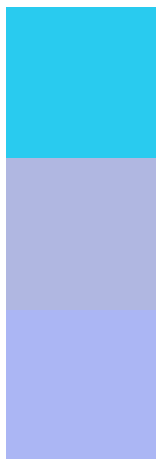


This preview shows how white text looks on a background with the YUV color 158.6660, 39.6047, -103.1931.

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

158.6660, 39.6047, -103.1931

Protanopia

185.6950, 19.3774, -8.5025

Deuteranopia

185.7790, 28.7030, -12.9612



Tritanopia

146.3440, 37.7914, -128.3437

Trichromacy



Original Color

158.6660, 39.6047, -103.1931

Protanomaly

175.7230, 26.7586, -42.7301

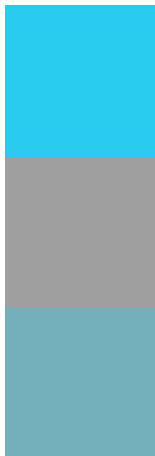
Deuteranomaly

176.1940, 32.4424, -45.7741

Tritanomaly

150.9260, 38.4905, -119.2071

Monochromacy



Original Color

158.6660, 39.6047, -103.1931

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8410, 14.3754, -37.5716

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6660, 39.6047, -103.1931 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(41, 203, 239)` looks like.

```
.text, #text, p{  
    color:rgb(41, 203, 239)  
}
```

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(41, 203, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 203, 239) }
```

Border

The CSS property to change the border of an element to YUV 158.6660, 39.6047, -103.1931 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(41, 203, 239) }
```


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

```
.border{ border-color:rgb(41, 203, 239) }
```

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

Here you see how a box with a 4 pixel rgb(41, 203, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 203, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 203, 239);  
box-shadow:4px 4px 4px 4px rgb(41, 203,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 158.6660, 39.6047, -103.1931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 203, 239) }
```

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

```
.background{ background-color: rgb(41, 203,  
239) }
```

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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