

Converting Colors

YUV(140.3190, 39.2827,
-93.2418)

Have a look what the booklet for
YUV(140.3190, 39.2827, -93.2418)
contains.

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Color

**YUV(140.3190, 39.2827,
-93.2418)**

Conversions

Conversions Part 1

Format	Color
Hex	22B3DC
RGB	34, 179, 220
RGB Percent	13%, 70%, 86%
CMY	0.8667, 0.2980, 0.1373
CMYK	0.85, 0.19, 0.00, 0.14
HSL	193°, 73%, 50%
HSV	193°, 85%, 86%
XYZ	29.6981, 37.7476, 73.4309
YIQ	140.3190, -99.5810, -17.9890

Conversions

Conversions Part 2

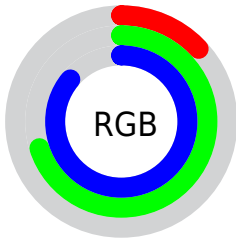
Format	Color
R_{YB}	34, 115, 220
Decimal	2274268
CIE _{Lab}	67.83, -22.07, -30.85
CIE _{LCh}	68, 37.928, 234.421
Yxy	37.7476, 0.2108, 0.2679
Android (android.graphics.Color)	4280464348 (0xFF22B3DC)
YUV	140.3190, 39.2827, -93.2418
Hunter-Lab	61.4391, -21.2361, -27.8550

Details

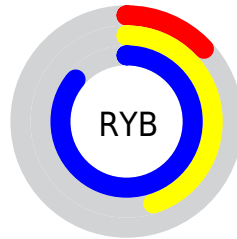
The YUV color **140.3190, 39.2827, -93.2418** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **113.6810, -39.2827, 93.2418**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.1010, 26.5722, -76.3876**, and **92.7720, 35.6084, -81.3610** is the 20% darker color. If you saturate the color by 10%, you get **130.8060, 43.9726, -104.1929**, and if you desaturate by 10%, it is **149.8320, 34.5928, -82.2907**.

Distribution



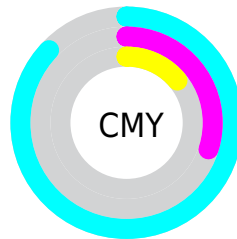
- Red (13%)
- Green (70%)
- Blue (86%)



- Red (13%)
- Yellow (45%)
- Blue (86%)



- Cyan (85%)
- Magenta (19%)
- Yellow (0%)
- Black (14%)



- Cyan (87%)
- Magenta (30%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.3190, 39.2827, -93.2418 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 140.3190, 39.2827, -93.2418 by changing the saturation by 10% instead.

■ 140.3190, 39.2827,
-93.2418

■ 140.3190, 39.2827,
-93.2418

■ 255.0000, 0.0000,
0.0000

■ 111.1120, 39.8778,
-97.4452

■ 201.1010, 26.5722,
-76.3876

■ 92.7720, 35.6084,
-81.3610

■ 222.4090, 16.0674,
-67.0107

■ 75.0190, 31.0496,
-65.7917

■ 231.6780, 11.4977,
-47.9526

■ 58.0810, 27.0751,
-50.9370

■ 240.9470, 6.9281,
-28.8945

■ 41.7300, 22.8111,
-36.5972

■ 250.2160, 2.3585,
-9.8364

■ 27.2540, 18.1158,
-23.9018

■ 6.5490, 17.4773,

-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 140.3190, 39.2827,
-93.2418

■ 140.3190, 39.2827,
-93.2418

■ 130.8060, 43.9726,
-104.1929

■ 149.8320, 34.5928,
-82.2907

■ 126.0440, 46.3203,
-110.5406

■ 159.3450, 29.9029,
-71.3396

■ 168.8580, 25.2130,
-60.3885

■ 177.7840, 20.8125,
-48.9226

■ 187.2970, 16.1226,
-37.9715

■ 196.8100, 11.4327,
-27.0204

■ 206.3230, 6.7428,
-16.0693

■ 215.8360, 2.0529,
-5.1182

■ 225.3490, -2.6371,
5.8329

Harmonies

Analogous

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



130.2060, 30.4644, -111.5597



140.3190, 39.2827, -93.2418



157.7360, 37.1052, -48.0035

Triad

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



140.3190, 39.2827, -93.2418



169.1880, 1.8793, 50.7011



160.1330, -28.6596, -0.9936

Complementary

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



140.3190, 39.2827, -93.2418



113.6810, -39.2827, 93.2418

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.



163.2720, -32.6721, 26.0715



140.3190, 39.2827, -93.2418



167.3940, -13.9982, 56.6595

Square

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



140.3190, 39.2827, -93.2418



170.1710, 17.6637, 27.9140



165.5980, -26.9168, 46.8336



154.7900, -15.1795, -31.3878

Rectangle

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



140.3190, 39.2827, -93.2418



164.4730, 32.7978, -19.7088



165.5980, -26.9168, 46.8336



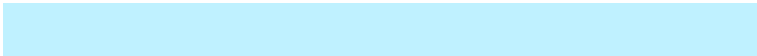
160.9170, -31.0181, 8.8428

Sweetspot

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



140.3190, 39.2827, -93.2418



227.6460, 13.4855, -32.1385



147.7420, -36.3548, -99.7517



111.0560, 8.3534, -19.3431



0.0000, 0.0000, 0.0000



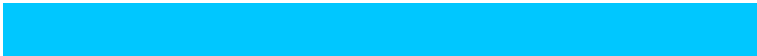
128.0000, 0.0000, 0.0000

Same Dimension

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



140.3190, 39.2827, -93.2418



145.8830, 53.7947, -127.9394



86.3150, 65.9067, -45.8803



104.9500, 2.4896, -5.2182



98.9670, 36.4983, -86.7941



26.3760, 9.6746, -23.1318

Inverse Universe

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



106.1440, 35.9180, 99.8517



98.9310, 49.3340, 136.8725



167.6850, -65.9067, 45.8803



103.2010, 1.8729, 5.9627



67.1170, 33.4663, 92.8594



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 140.3190, 39.2827, -93.2418 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 140.3190, 39.2827, -93.2418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

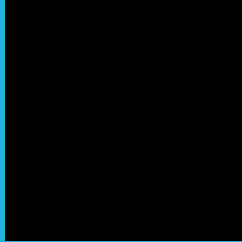
Any Text WCAG AA ✓ Pass

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 140.3190, 39.2827, -93.2418 Background



This preview shows how black text looks on a background with the YUV color 140.3190, 39.2827, -93.2418.

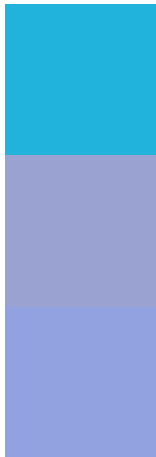


This preview shows how white text looks on a background with the YUV color 140.3190, 39.2827, -93.2418.

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

140.3190, 39.2827, -93.2418

Protanopia

164.5530, 21.4194, -10.1320

Deuteranopia

164.2840, 29.4400, -16.0351



Tritanopia

129.2920, 33.3800, -113.3891

Trichromacy



Original Color

140.3190, 39.2827, -93.2418

Protanomaly

155.6740, 27.7687, -40.0561

Deuteranomaly

155.4330, 33.3105, -44.2297

Tritanomaly

133.2050, 35.3949, -106.2968

Monochromacy



Original Color

140.3190, 39.2827, -93.2418

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8630, 14.3645, -34.0829

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.3190, 39.2827, -93.2418 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(34, 179, 220)` looks like.

```
.text, #text, p{  
    color:rgb(34, 179, 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(34, 179, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 179, 220) }
```

Border

The CSS property to change the border of an element to YUV 140.3190, 39.2827, -93.2418 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(34, 179, 220) }
```


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

```
.border{ border-color:rgb(34, 179, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 179, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 179, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 179, 220);  
box-shadow:4px 4px 4px 4px rgb(34, 179,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 140.3190, 39.2827, -93.2418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 179, 220) }
```

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

```
.background{ background-color: rgb(34, 179,  
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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