

Converting Colors

YUV(139.0350, 43.3667,
-96.5007)

Have a look what the booklet for
YUV(139.0350, 43.3667, -96.5007)
contains.

YUV(139.0350, 43.3667, -96.5007)	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(139.0350, 43.3667,
-96.5007)**

Conversions

Conversions Part 1

Format	Color
Hex	1DB2E3
RGB	29, 178, 227
RGB Percent	11%, 70%, 89%
CMY	0.8863, 0.3020, 0.1098
CMYK	0.87, 0.22, 0.00, 0.11
HSL	195°, 78%, 50%
HSV	195°, 87%, 89%
XYZ	30.2922, 37.6481, 78.3433
YIQ	139.0350, -104.5330, -16.3490

Conversions

Conversions Part 2

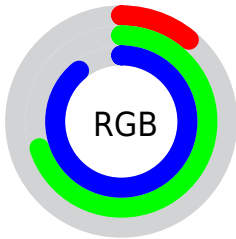
Format	Color
RYB	29, 114, 227
Decimal	1946339
CIELab	67.76, -19.50, -34.80
CIElCh	68, 39.893, 240.735
Yxy	37.6481, 0.2071, 0.2574
Android (android.graphics.Color)	4280136419 (0xFF1DB2E3)
YUV	139.0350, 43.3667, -96.5007
Hunter-Lab	61.3580, -19.2517, -32.7522

Details

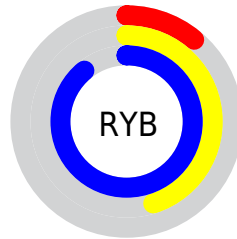
The YUV color **139.0350, 43.3667, -96.5007** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **116.9650, -43.3667, 96.5007**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.2150, 27.0090, -76.4876**, and **92.8690, 38.5186, -81.4461** is the 20% darker color. If you saturate the color by 10%, you get **128.6360, 48.4935, -107.5518**, and if you desaturate by 10%, it is **149.4340, 38.2400, -85.4496**.

Distribution



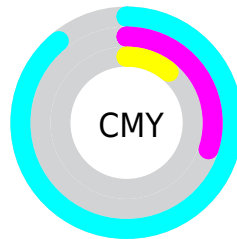
- Red (11%)
- Green (70%)
- Blue (89%)



- Red (11%)
- Yellow (45%)
- Blue (89%)



- Cyan (87%)
- Magenta (22%)
- Yellow (0%)
- Black (11%)



- Cyan (89%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.0350, 43.3667, -96.5007 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 139.0350, 43.3667, -96.5007 by changing the saturation by 10% instead.

■ 139.0350, 43.3667,
-96.5007

■ 139.0350, 43.3667,
-96.5007

■ 255.0000, 0.0000,
0.0000

■ 111.3230, 43.2248,
-97.6303

■ 200.2150, 27.0090,
-76.4876

■ 92.8690, 38.5186,
-81.4461

■ 222.4090, 16.0674,
-67.0107

■ 75.2300, 34.3966,
-65.9767

■ 231.6780, 11.4977,
-47.9526

■ 58.1780, 29.9852,
-51.0221

■ 240.9470, 6.9281,
-28.8945

■ 41.8270, 25.7213,
-36.6823

■ 250.5150, 2.2111,
-9.2217

■ 27.3510, 21.0260,
-23.9868

■ 7.7060, 19.3719,

-6.7582

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 139.0350, 43.3667,
-96.5007

■ 139.0350, 43.3667,
-96.5007

■ 128.6360, 48.4935,
-107.5518

■ 149.4340, 38.2400,
-85.4496

■ 126.2550, 49.6673,
-110.7256

■ 158.9470, 33.5501,
-74.4985

■ 169.3460, 28.4234,
-63.4474

■ 179.1580, 23.5861,
-51.8816

■ 189.5570, 18.4594,
-40.8305

■ 199.6570, 13.4801,
-30.3942

■ 209.4690, 8.6428,
-18.8283

■ 219.8680, 3.5161,
-7.7772

■ 229.9680, -1.4632,
2.6591

Harmonies

Analogous

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



130.3350, 34.8378, -114.3038



139.0350, 43.3667, -96.5007



159.1220, 38.3939, -41.3260

Triad

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



139.0350, 43.3667, -96.5007



168.7110, -1.3365, 55.5045



158.6160, -27.9117, -7.5562

Complementary

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



139.0350, 43.3667, -96.5007



116.9650, -43.3667, 96.5007

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.



162.0820, -34.5504, 21.8531



139.0350, 43.3667, -96.5007



166.6670, -18.0768, 58.1740

Square

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



139.0350, 43.3667, -96.5007



169.9440, 15.3106, 36.0061



164.9630, -30.5478, 44.7594



152.6470, -11.6580, -40.9094

Rectangle

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



139.0350, 43.3667, -96.5007



165.8160, 32.6287, -12.1166



164.9630, -30.5478, 44.7594



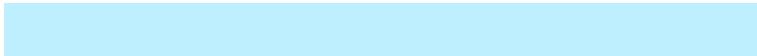
160.0580, -31.5806, 2.5801

Sweetspot

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



139.0350, 43.3667, -96.5007



225.8740, 14.3591, -32.3385



150.4700, -37.2067, -106.5292



110.1700, 8.7902, -19.4431



0.0000, 0.0000, 0.0000



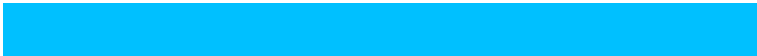
128.0000, 0.0000, 0.0000

Same Dimension

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



139.0350, 43.3667, -96.5007



141.7740, 55.8204, -124.3358



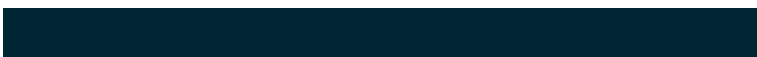
82.6830, 71.1483, -47.0800



109.6510, 2.6371, -5.8329



99.0640, 39.4084, -86.8791



28.1200, 11.2798, -24.6612

Inverse Universe

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



105.1880, 35.8963, 106.8291



98.1330, 46.2764, 137.5724



173.3170, -71.1483, 47.0800



107.6140, 2.1623, 6.4775



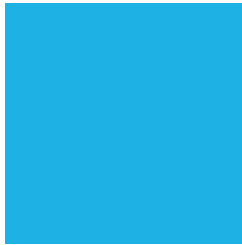
68.7970, 32.1451, 96.6480



19.5810, 9.0806, 27.5545

Previews

White Background



This preview shows how the YUV color 139.0350, 43.3667, -96.5007 looks on a white background.

Color Contrast Check

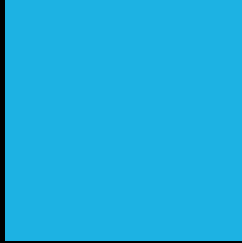
Large Text (above 18pt) WCAG AA × Fail

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 139.0350, 43.3667, -96.5007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

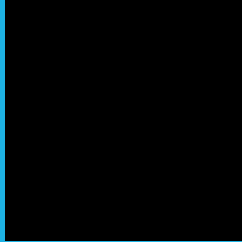
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 139.0350, 43.3667, -96.5007

Background



This preview shows how black text looks on a background with the YUV color 139.0350, 43.3667, -96.5007.



This preview shows how white text looks on a background with the YUV color 139.0350, 43.3667, -96.5007.

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

139.0350, 43.3667, -96.5007

Protanopia

164.4540, 24.9192, -12.6762

Deuteranopia

163.2880, 33.3820, -20.4236



Tritanopia

129.1780, 32.9432, -113.2891

Trichromacy



Original Color

139.0350, 43.3667, -96.5007

Protanomaly

155.2760, 31.4159, -43.2151

Deuteranomaly

154.7360, 37.1052, -48.0035

Tritanomaly

133.1340, 36.4159, -107.1115

Monochromacy



Original Color

139.0350, 43.3667, -96.5007

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9060, 15.8223, -34.9976

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.0350, 43.3667, -96.5007 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(29, 178, 227)` looks like.

```
.text, #text, p{  
    color:rgb(29, 178, 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(29, 178, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 178, 227) }
```

Border

The CSS property to change the border of an element to YUV 139.0350, 43.3667, -96.5007 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(29, 178, 227) }
```


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

```
.border{ border-color:rgb(29, 178, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 178, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 178, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 178, 227);  
box-shadow:4px 4px 4px 4px rgb(29, 178,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 139.0350, 43.3667, -96.5007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 178, 227) }
```

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

```
.background{ background-color: rgb(29, 178,  
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](#).

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