

Converting Colors

YUV(137.3740, 39.2556,
-84.5200)

Have a look what the booklet for
YUV(137.3740, 39.2556, -84.5200)
contains.

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Color

**YUV(137.3740, 39.2556,
-84.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	29ABD9
RGB	41, 171, 217
RGB Percent	16%, 67%, 85%
CMY	0.8392, 0.3294, 0.1490
CMYK	0.81, 0.21, 0.00, 0.15
HSL	196°, 70%, 51%
HSV	196°, 81%, 85%
XYZ	28.0017, 34.6070, 70.8496
YIQ	137.3740, -92.2460, -13.2540

Conversions

Conversions Part 2

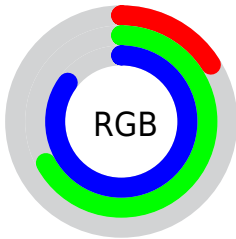
Format	Color
R _Y B	41, 116, 217
Decimal	2730969
CIE Lab	65.44, -18.34, -32.89
CIE LCh	65, 37.661, 240.856
Yxy	34.6070, 0.2098, 0.2593
Android (android.graphics.Color)	4280921049 (0xFF29ABD9)
YUV	137.3740, 39.2556, -84.5200
Hunter-Lab	58.8277, -17.9832, -30.2270

Details

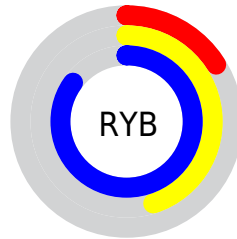
The YUV color **137.3740, 39.2556, -84.5200** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **120.6260, -39.2556, 84.5200**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.4160, 28.8819, -70.5248**, and **88.3210, 36.3237, -77.4575** is the 20% darker color. If you saturate the color by 10%, you get **127.2740, 44.2349, -94.9563**, and if you desaturate by 10%, it is **147.4740, 34.2763, -74.0837**.

Distribution



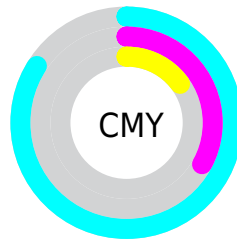
- Red (16%)
- Green (67%)
- Blue (85%)



- Red (16%)
- Yellow (45%)
- Blue (85%)



- Cyan (81%)
- Magenta (21%)
- Yellow (0%)
- Black (15%)



- Cyan (84%)
- Magenta (33%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3740, 39.2556, -84.5200 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 137.3740, 39.2556, -84.5200 by changing the saturation by 10% instead.

■ 137.3740, 39.2556,
-84.5200

■ 137.3740, 39.2556,
-84.5200

■ 255.0000, 0.0000,
0.0000

■ 106.0740, 40.8825,
-93.0269

■ 196.4160, 28.8819,
-70.5248

■ 88.3210, 36.3237,
-77.4575

■ 222.7080, 15.9200,
-66.3959

■ 70.6820, 32.2018,
-61.9881

■ 231.9770, 11.3503,
-47.3378

■ 53.6300, 27.7904,
-47.0335

■ 241.2460, 6.7807,
-28.2797

■ 37.8660, 23.2371,
-33.2085

■ 250.5150, 2.2111,
-9.2217

■ 24.0910, 18.6891,
-21.1278

■ 6.3210, 16.6037,

-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 137.3740, 39.2556,
-84.5200

■ 137.3740, 39.2556,
-84.5200

■ 127.2740, 44.2349,
-94.9563

■ 147.4740, 34.2763,
-74.0837

■ 118.6580, 48.4826,
-104.0631

■ 156.6880, 29.7338,
-63.7474

■ 166.7880, 24.7545,
-53.3111

■ 176.8880, 19.7752,
-42.8748

■ 186.1020, 15.2327,
-32.5385

■ 196.2020, 10.2534,
-22.1022

■ 206.3020, 5.2741,
-11.6659

■ 215.8150, 0.5842,
-0.7148

■ 225.6160, -4.2477,
9.1068

Harmonies

Analogous

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



125.2000, 32.9324, -109.8004



137.3740, 39.2556, -84.5200



153.7480, 35.6202, -38.3670

Triad

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



137.3740, 39.2556, -84.5200



161.9880, -1.4731, 52.6305



152.7840, -26.0225, -6.8266

Complementary

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



137.3740, 39.2556, -84.5200



120.6260, -39.2556, 84.5200

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.



156.3530, -32.2190, 20.7384



137.3740, 39.2556, -84.5200



160.2860, -16.9030, 55.0002

Square

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



137.3740, 39.2556, -84.5200



163.2920, 14.1530, 33.9469



158.5220, -28.3583, 42.5152



147.4840, -11.0846, -38.1355

Rectangle

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



137.3740, 39.2556, -84.5200



159.6590, 30.7341, -11.1019



158.5220, -28.3583, 42.5152



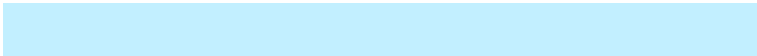
154.0410, -29.1072, 2.5950

Sweetspot

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



137.3740, 39.2556, -84.5200



227.3690, 13.6221, -29.2646



149.3280, -31.7137, -95.0037



111.0670, 8.3480, -17.5988



0.0000, 0.0000, 0.0000



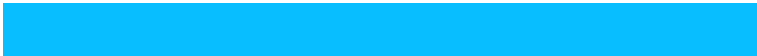
128.0000, 0.0000, 0.0000

Same Dimension

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



137.3740, 39.2556, -84.5200



142.9920, 55.2199, -118.3880



86.8920, 64.1432, -40.2473



104.9500, 2.4896, -5.2182



94.8580, 38.5240, -83.1905



25.2020, 10.2534, -22.1022

Inverse Universe

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



108.4440, 30.8401, 95.2036



102.6010, 43.0877, 133.6539



171.1080, -64.1432, 40.2473



103.2010, 1.8729, 5.9627



66.3190, 30.4087, 93.5592



17.6300, 8.0704, 24.8805

Previews

White Background



This preview shows how the YUV color 137.3740, 39.2556, -84.5200 looks on a white background.

Color Contrast Check

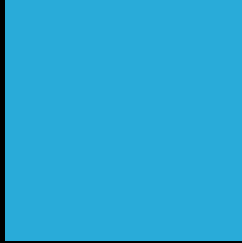
Large Text (above 18pt) WCAG AA × Fail

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 137.3740, 39.2556, -84.5200 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 137.3740, 39.2556, -84.5200

Background



This preview shows how black text looks on a background with the YUV color 137.3740, 39.2556, -84.5200.



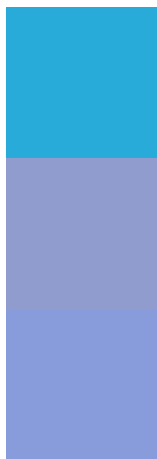
This preview shows how white text looks on a background with the YUV color 137.3740, 39.2556, -84.5200.

-84.5200.

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

137.3740, 39.2556, -84.5200

Protanopia

158.1120, 23.6088, -12.3762

Deuteranopia

157.3160, 30.9032, -18.6941



Tritanopia

124.2710, 31.9114, -108.9857

Trichromacy



Original Color

137.3740, 39.2556, -84.5200

Protanomaly

150.4400, 29.3631, -38.0969

Deuteranomaly

149.6720, 34.1787, -42.6853

Tritanomaly

129.3090, 34.3577, -100.2490

Monochromacy



Original Color

137.3740, 39.2556, -84.5200

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8850, 14.3537, -30.5941

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3740, 39.2556, -84.5200 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, 171, 217)` looks like.

```
.text, #text, p{  
    color:rgb(41, 171, 217)  
}
```

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, 171, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 171, 217) }
```

Border

The CSS property to change the border of an element to YUV 137.3740, 39.2556, -84.5200 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, 171, 217) }
```


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

```
.border{ border-color:rgb(41, 171, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 171, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 171, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 171, 217);  
box-shadow:4px 4px 4px 4px rgb(41, 171,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 137.3740, 39.2556, -84.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 171, 217) }
```

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

```
.background{ background-color: rgb(41, 171,  
217) }
```

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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