

Converting Colors

YUV(143.6150, 33.7138,
-80.3464)

Have a look what the booklet for
YUV(143.6150, 33.7138, -80.3464)
contains.

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Color

**YUV(143.6150, 33.7138,
-80.3464)**

Conversions

Conversions Part 1

Format	Color
Hex	34B1D4
RGB	52, 177, 212
RGB Percent	20%, 69%, 83%
CMY	0.7961, 0.3059, 0.1686
CMYK	0.75, 0.17, 0.00, 0.17
HSL	193°, 65%, 52%
HSV	193°, 75%, 83%
XYZ	29.0220, 36.9278, 67.8855
YIQ	143.6150, -85.7350, -15.6150

Conversions

Conversions Part 2

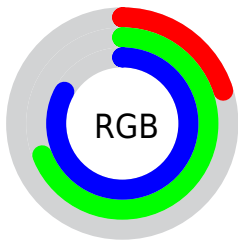
Format	Color
RYB	52, 122, 212
Decimal	3453396
CIELab	67.22, -22.03, -27.37
CIELCh	67, 35.133, 231.174
Yxy	36.9278, 0.2168, 0.2759
Android (android.graphics.Color)	4281643476 (0xFF34B1D4)
YUV	143.6150, 33.7138, -80.3464
Hunter-Lab	60.7683, -21.0956, -23.6963

Details

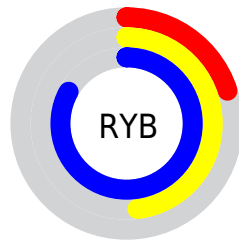
The YUV color **143.6150, 33.7138, -80.3464** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **120.3850, -33.7138, 80.3464**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3190, 25.9717, -70.4398**, and **90.6860, 32.6928, -79.5316** is the 20% darker color. If you saturate the color by 10%, you get **134.4010, 38.2563, -90.6827**, and if you desaturate by 10%, it is **152.8290, 29.1713, -70.0100**.

Distribution



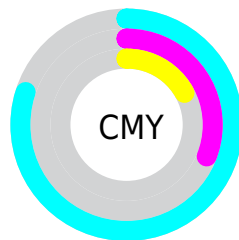
- Red (20%)
- Green (69%)
- Blue (83%)



- Red (20%)
- Yellow (48%)
- Blue (83%)



- Cyan (75%)
- Magenta (17%)
- Yellow (0%)
- Black (17%)



- Cyan (80%)
- Magenta (31%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.6150, 33.7138, -80.3464 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 143.6150, 33.7138, -80.3464 by changing the saturation by 10% instead.

■ 143.6150, 33.7138,
-80.3464

■ 143.6150, 33.7138,
-80.3464

■ 255.0000, 0.0000,
0.0000

■ 109.0260, 36.9622,
-95.6158

■ 202.3190, 25.9717,
-70.4398

■ 90.6860, 32.6928,
-79.5316

■ 224.2030, 15.1829,
-63.3220

■ 73.0470, 28.5708,
-64.0622

■ 233.4720, 10.6133,
-44.2639

■ 56.1090, 24.5963,
-49.2076

■ 242.4420, 6.1911,
-25.8206

■ 39.7580, 20.3323,
-34.8678

■ 251.7110, 1.6215,
-6.7625

■ 25.3960, 16.0738,
-22.2723

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 143.6150, 33.7138,
-80.3464

■ 143.6150, 33.7138,
-80.3464

■ 134.4010, 38.2563,
-90.6827

■ 152.8290, 29.1713,
-70.0100

■ 125.7740, 42.5094,
-101.5338

■ 161.4560, 24.9182,
-59.1589

■ 121.6100, 44.5623,
-106.6520

■ 170.9690, 20.2283,
-48.2078

■ 180.1830, 15.6858,
-37.8715

■ 188.8100, 11.4327,
-27.0204

■ 198.0240, 6.8902,
-16.6840

■ 206.6510, 2.6371,
-5.8329

■ 216.1640, -2.0529,
5.1182

■ 225.3780, -6.5954,
15.4545

Harmonies

Analogous

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



140.5040, 21.9365, -82.8800



143.6150, 33.7138, -80.3464



156.3510, 34.3370, -46.7888

Triad

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



143.6150, 33.7138, -80.3464



167.4970, 3.2060, 45.1681



159.4970, -27.3600, 2.1951

Complementary

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



143.6150, 33.7138, -80.3464



120.3850, -33.7138, 80.3464

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.



162.5540, -30.3461, 26.7011



143.6150, 33.7138, -80.3464



165.9420, -11.8034, 52.6709

Square

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



143.6150, 33.7138, -80.3464



168.4370, 17.5326, 23.2958



164.6840, -24.0012, 45.0041



155.0080, -15.7799, -25.4400

Rectangle

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



143.6150, 33.7138, -80.3464



162.5930, 30.7667, -21.5681



164.6840, -24.0012, 45.0041



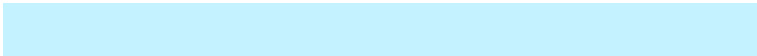
160.6830, -29.4237, 10.8020

Sweetspot

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



143.6150, 33.7138, -80.3464



229.7280, 12.4591, -29.5795



149.9100, -31.0146, -85.8671



112.5400, 7.6218, -18.0136



0.0000, 0.0000, 0.0000



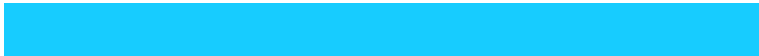
128.0000, 0.0000, 0.0000

Same Dimension

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



143.6150, 33.7138, -80.3464



155.6950, 48.9574, -116.3735



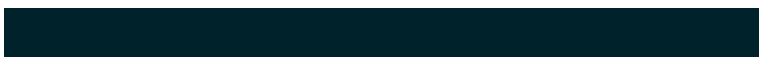
96.6550, 56.8651, -39.1624



102.5370, 2.2003, -5.7329



97.5650, 36.2035, -85.5645



24.8600, 8.9430, -21.8022

Inverse Universe

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



114.0900, 31.0146, 85.8671



113.0020, 44.8620, 124.5322



167.3450, -56.8651, 39.1624



100.3150, 2.3097, 5.8627



66.2910, 32.8875, 91.8298



16.7330, 8.5126, 23.0362

Previews

White Background



This preview shows how the YUV color 143.6150, 33.7138, -80.3464 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 143.6150, 33.7138, -80.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

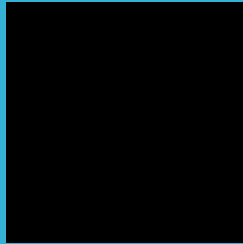
Any Text WCAG AA ✓ Pass

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 143.6150, 33.7138, -80.3464 Background



This preview shows how black text looks on a background with the YUV color 143.6150, 33.7138, -80.3464.

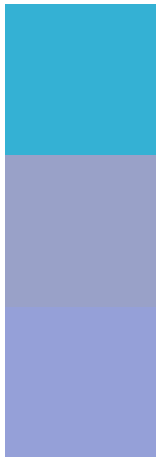


This preview shows how white text looks on a background with the YUV color 143.6150, 33.7138, -80.3464.

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

143.6150, 33.7138, -80.3464

Protanopia

163.0540, 18.2144, -8.8174

Deuteranopia

163.0950, 26.0822, -12.3613



Tritanopia

138.6540, 27.7786, -90.0276

Trichromacy



Original Color

143.6150, 33.7138, -80.3464

Protanomaly

155.9690, 23.6793, -35.0528

Deuteranomaly

156.0380, 29.0683, -36.8673

Tritanomaly

140.5450, 29.8043, -86.4240

Monochromacy



Original Color

143.6150, 33.7138, -80.3464

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.0270, 12.3117, -28.9647

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.6150, 33.7138, -80.3464 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(52, 177, 212)` looks like.

```
.text, #text, p{  
    color:rgb(52, 177, 212)  
}
```

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(52, 177, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 177, 212) }
```

Border

The CSS property to change the border of an element to YUV 143.6150, 33.7138, -80.3464 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(52, 177, 212) }
```


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

```
.border{ border-color:rgb(52, 177, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 177, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 177, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 177, 212);  
box-shadow:4px 4px 4px 4px rgb(52, 177,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 143.6150, 33.7138, -80.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 177, 212) }
```

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

```
.background{ background-color: rgb(52, 177,  
212) }
```

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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