

Converting Colors

YUV(139.2020, 33.4244,
-80.8612)

Have a look what the booklet for
YUV(139.2020, 33.4244, -80.8612)
contains.

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Color

**YUV(139.2020, 33.4244,
-80.8612)**

Conversions

Conversions Part 1

Format	Color
Hex	2FADCF
RGB	47, 173, 207
RGB Percent	18%, 68%, 81%
CMY	0.8157, 0.3216, 0.1882
CMYK	0.77, 0.16, 0.00, 0.19
HSL	193°, 63%, 50%
HSV	193°, 77%, 81%
XYZ	27.3783, 34.9965, 64.3435
YIQ	139.2020, -86.0100, -16.1380

Conversions

Conversions Part 2

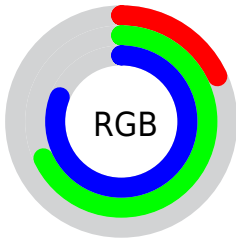
Format	Color
R _Y B	47, 117, 207
Decimal	3124687
CIE Lab	65.75, -22.14, -26.89
CIE LCh	66, 34.834, 230.534
Yxy	34.9965, 0.2161, 0.2762
Android (android.graphics.Color)	4281314767 (0xFF2FADCF)
YUV	139.2020, 33.4244, -80.8612
Hunter-Lab	59.1578, -20.9161, -23.0768

Details

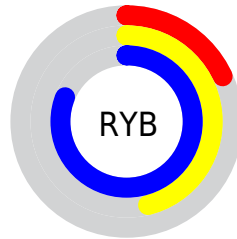
The YUV color **139.2020, 33.4244, -80.8612** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **114.7980, -33.4244, 80.8612**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.7750, 27.7189, -70.8397**, and **87.8820, 32.1032, -77.0725** is the 20% darker color. If you saturate the color by 10%, you get **130.5750, 37.6775, -91.7123**, and if you desaturate by 10%, it is **147.8290, 29.1713, -70.0100**.

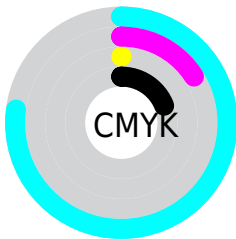
Distribution



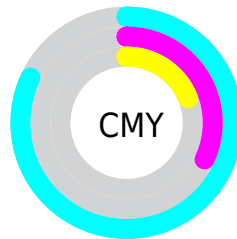
- Red (18%)
- Green (68%)
- Blue (81%)



- Red (18%)
- Yellow (46%)
- Blue (81%)



- Cyan (77%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)



- Cyan (82%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.2020, 33.4244, -80.8612 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 139.2020, 33.4244, -80.8612 by changing the saturation by 10% instead.

■ 139.2020, 33.4244,
-80.8612

■ 139.2020, 33.4244,
-80.8612

■ 255.0000, 0.0000,
0.0000

■ 106.1080, 35.9358,
-93.0567

■ 198.7750, 27.7189,
-70.8397

■ 87.8820, 32.1032,
-77.0725

■ 223.3060, 15.6251,
-65.1664

■ 70.2430, 27.9812,
-61.6031

■ 232.2760, 11.2029,
-46.7231

■ 53.7780, 23.2804,
-47.1633

■ 241.2460, 6.7807,
-28.2797

■ 37.5410, 19.4533,
-32.9235

■ 250.5150, 2.2111,
-9.2217

■ 23.7660, 14.9054,
-20.8428

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 139.2020, 33.4244,
-80.8612

■ 139.2020, 33.4244,
-80.8612

■ 130.5750, 37.6775,
-91.7123

■ 147.8290, 29.1713,
-70.0100

■ 121.6600, 42.0726,
-101.4338

■ 156.7440, 24.7762,
-60.2885

■ 119.2790, 43.2465,
-104.6077

■ 165.3710, 20.5231,
-49.4374

■ 174.5850, 15.9806,
-39.1010

■ 182.9130, 11.8749,
-28.8647

■ 191.5400, 7.6218,
-18.0136

■ 200.7540, 3.0793,
-7.6773

■ 209.3810, -1.1738,
3.1739

■ 218.2960, -5.5689,
12.8954

Harmonies

Analogous

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



136.5040, 21.9365, -82.8800



139.2020, 33.4244, -80.8612



151.9380, 34.0476, -47.3036

Triad

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



139.2020, 33.4244, -80.8612



163.8990, 3.5008, 43.9386



155.2090, -27.2180, 3.3247

Complementary

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



139.2020, 33.4244, -80.8612



114.7980, -33.4244, 80.8612

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.



158.0810, -29.6199, 27.1160



139.2020, 33.4244, -80.8612



161.7570, -11.2192, 51.9561

Square

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



139.2020, 33.4244, -80.8612



163.8390, 17.8274, 22.0662



160.7980, -23.5644, 44.9042



151.3070, -15.9274, -24.8252

Rectangle

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



139.2020, 33.4244, -80.8612



158.2940, 30.9141, -22.1828



160.7980, -23.5644, 44.9042



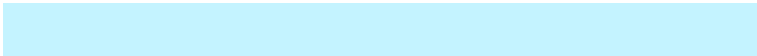
156.5090, -28.8449, 11.8316

Sweetspot

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



139.2020, 33.4244, -80.8612



230.3150, 12.1697, -30.0943



144.5680, -32.3250, -85.5671



112.5400, 7.6218, -18.0136



0.0000, 0.0000, 0.0000



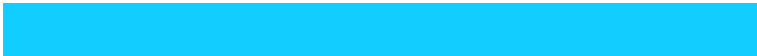
128.0000, 0.0000, 0.0000

Same Dimension

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



139.2020, 33.4244, -80.8612



154.7870, 49.4050, -119.9622



93.4160, 55.9969, -40.7068



99.9500, 2.4897, -5.2181



97.2230, 34.8931, -85.2646



23.4580, 8.6482, -20.5727

Inverse Universe

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



109.2040, 31.4514, 85.7671



110.1810, 46.7458, 127.0063



160.5840, -55.9969, 40.7068



98.2010, 1.8729, 5.9627



65.3940, 33.3298, 89.9855



15.9070, 7.9338, 22.0066

Previews

White Background



This preview shows how the YUV color 139.2020, 33.4244, -80.8612 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 139.2020, 33.4244, -80.8612 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 139.2020, 33.4244, -80.8612

Background



This preview shows how black text looks on a background with the YUV color 139.2020, 33.4244, -80.8612.

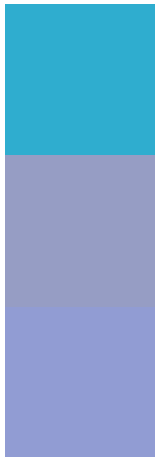


This preview shows how white text looks on a background with the YUV color 139.2020, 33.4244, -80.8612.

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

139.2020, 33.4244, -80.8612

Protanopia

159.3530, 18.0670, -8.2026

Deuteranopia

158.9810, 25.6454, -12.2613



Tritanopia

133.6430, 27.7840, -91.7719

Trichromacy



Original Color

139.2020, 33.4244, -80.8612

Protanomaly

152.2680, 23.5319, -34.4380

Deuteranomaly

151.6250, 28.7789, -37.3821

Tritanomaly

135.8330, 29.6623, -87.5535

Monochromacy



Original Color

139.2020, 33.4244, -80.8612

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

139.0270, 12.3117, -28.9647

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.2020, 33.4244, -80.8612 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(47, 173, 207)` looks like.

```
.text, #text, p{  
    color:rgb(47, 173, 207)  
}
```

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(47, 173, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 173, 207) }
```

Border

The CSS property to change the border of an element to YUV 139.2020, 33.4244, -80.8612 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(47, 173, 207) }
```


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

```
.border{ border-color:rgb(47, 173, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 173, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 173, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 173, 207);  
box-shadow:4px 4px 4px 4px rgb(47, 173,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 139.2020, 33.4244, -80.8612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 173, 207) }
```

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

```
.background{ background-color: rgb(47, 173,  
207) }
```

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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