

Converting Colors

YUV(140.9260, -11.7955,
-90.2661)

Have a look what the booklet for
YUV(140.9260, -11.7955, -90.2661)
contains.

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Color

**YUV(140.9260, -11.7955,
-90.2661)**

Conversions

Conversions Part 1

Format	Color
Hex	26C675
RGB	38, 198, 117
RGB Percent	15%, 78%, 46%
CMY	0.8510, 0.2235, 0.5412
CMYK	0.81, 0.00, 0.41, 0.22
HSL	150°, 68%, 46%
HSV	150°, 81%, 78%
XYZ	24.2043, 42.0846, 23.6771
YIQ	140.9260, -69.3590, -59.1110

Conversions

Conversions Part 2

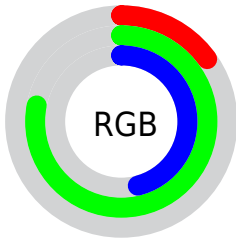
Format	Color
RYB	38, 145, 198
Decimal	2541173
CIELab	70.93, -57.77, 29.61
CIELCh	71, 64.917, 152.864
Yxy	42.0846, 0.2690, 0.4678
Android (android.graphics.Color)	4280731253 (0xFF26C675)
YUV	140.9260, -11.7955, -90.2661
Hunter-Lab	64.8726, -46.9279, 23.7713

Details

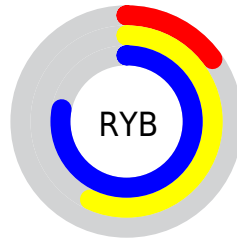
The YUV color **140.9260, -11.7955, -90.2661** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **95.0740, 11.7955, 90.2661**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2540, -15.9012, -80.0298**, and **91.5790, -12.1174, -80.3148** is the 20% darker color. If you saturate the color by 10%, you get **133.8060, -13.2154, -101.5619**, and if you desaturate by 10%, it is **148.0460, -10.3757, -78.9703**.

Distribution



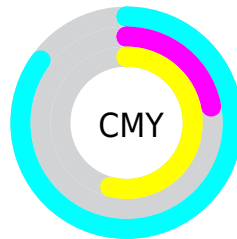
- Red (15%)
- Green (78%)
- Blue (46%)



- Red (15%)
- Yellow (57%)
- Blue (78%)



- Cyan (81%)
- Magenta (0%)
- Yellow (41%)
- Black (22%)



- Cyan (85%)
- Magenta (22%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.9260, -11.7955, -90.2661 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 140.9260, -11.7955, -90.2661 by changing the saturation by 10% instead.

■ 140.9260,
-11.7955, -90.2661

■ 140.9260,
-11.7955, -90.2661

■ 255.0000, 0.0000,
0.0000

■ 110.2780, -9.0111,
-96.7138

■ 202.2540,
-15.9012, -80.0298

■ 91.5790, -12.1174,
-80.3148

■ 214.6010, -8.6773,
-63.6711

■ 73.1080, -14.3502,
-64.1157

■ 226.8770, -0.4324,
-48.1271

■ 55.1100, -17.3092,
-48.3315

■ 239.0390, 7.3758,
-32.4832

■ 38.1550, -18.8104,
-33.4619

■ 248.4220, 3.2430,
-13.5251

■ 24.6540, -12.1544,
-21.6216

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 140.9260,
-11.7955, -90.2661

■ 140.9260,
-11.7955, -90.2661

■ 133.8060,
-13.2154, -101.5619

■ 148.0460,
-10.3757, -78.9703

■ 127.3980,
-14.4932, -111.7280

■ 155.1660, -8.9558,
-67.6746

■ 161.9870, -7.3886,
-56.9936

■ 169.1070, -5.9688,
-45.6978

■ 176.2270, -4.5489,
-34.4021

■ 183.3470, -3.1291,
-23.1063

■ 190.4670, -1.7092,
-11.8106

■ 197.2880, -0.1420,
-1.1296

■ 204.4080, 1.2779,
10.1662

Harmonies

Analogous

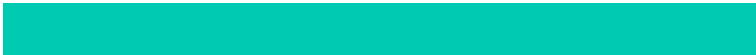
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160.1420, -45.9190, -18.5415



140.9260, -11.7955, -90.2661



138.8660, 19.2931, -121.7855

Triad

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



140.9260, -11.7955, -90.2661



141.9280, 55.7445, -99.9149



164.2630, -25.2727, 79.5763

Complementary

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



140.9260, -11.7955, -90.2661



95.0740, 11.7955, 90.2661

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.



164.8910, 2.5187, 79.0256



140.9260, -11.7955, -90.2661



175.3590, 39.2630, 6.7012

Square

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



140.9260, -11.7955, -90.2661



142.9480, 55.2416, -125.3654



177.7530, 25.2648, 63.3606



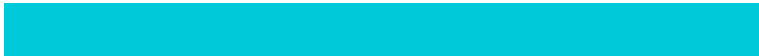
169.4270, -50.9895, 68.0315

Rectangle

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



140.9260, -11.7955, -90.2661



143.4260, 36.7650, -125.7846



177.7530, 25.2648, 63.3606



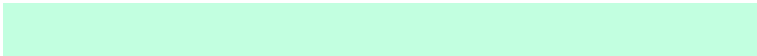
162.7930, -15.6739, 80.8655

Sweetspot

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



140.9260, -11.7955, -90.2661



233.2270, -4.5489, -34.4021



156.7370, -58.5373, -31.3413



114.7710, -2.8451, -20.8472



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.



140.9260, -11.7955, -90.2661



166.8970, -18.1902, -139.3527



149.8180, 22.2747, -98.0644



95.7390, -0.8573, -5.0331



104.9150, -11.7901, -92.0105



23.1840, -2.5557, -20.3324

Inverse Universe

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



95.0740, 11.7955, 90.2661



96.1030, 18.1902, 139.3527



86.1820, -22.2747, 98.0644



93.2610, 0.8573, 5.0331



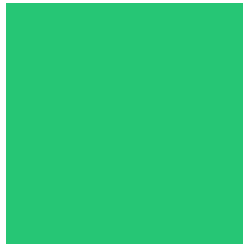
58.1990, 12.2269, 91.9105



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 140.9260, -11.7955, -90.2661 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 140.9260, -11.7955, -90.2661 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 140.9260, -11.7955, -90.2661 Background



This preview shows how black text looks on a background with the YUV color 140.9260, -11.7955, -90.2661.



This preview shows how white text looks on a background with the YUV color 140.9260, -11.7955, -90.2661.

-90.2661.

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

140.9260, -11.7955, -90.2661

Protanopia

169.3740, -30.7504, 16.3350

Deuteranopia

172.1010, -23.2208, 27.9754



Tritanopia

157.4180, 22.4719, -67.8956

Trichromacy



Original Color

140.9260, -11.7955, -90.2661



Protanomaly

158.6680, -23.5003, -22.5108



Deuteranomaly

160.8630, -19.1595, -14.7889



Tritanomaly

151.7470, 9.9847, -76.0771

Monochromacy



Original Color

140.9260, -11.7955, -90.2661



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

141.2380, -4.5543, -32.6577

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.9260, -11.7955, -90.2661 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(38, 198, 117)` looks like.

```
.text, #text, p{  
    color:rgb(38, 198, 117)  
}
```

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(38, 198, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 198, 117) }
```

Border

The CSS property to change the border of an element to YUV 140.9260, -11.7955, -90.2661 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(38, 198, 117) }
```


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

```
.border{ border-color:rgb(38, 198, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 198, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 198, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 198, 117);  
box-shadow:4px 4px 4px 4px rgb(38, 198,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 140.9260, -11.7955, -90.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 198, 117) }
```

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

```
.background{ background-color: rgb(38, 198,  
117) }
```

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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