

Converting Colors

YUV(140.8120, -28.9943,
-80.5191)

Have a look what the booklet for
YUV(140.8120, -28.9943, -80.5191)
contains.

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Color

**YUV(140.8120, -28.9943,
-80.5191)**

Conversions

Conversions Part 1

Format	Color
Hex	31C752
RGB	49, 199, 82
RGB Percent	19%, 78%, 32%
CMY	0.8078, 0.2196, 0.6784
CMYK	0.75, 0.00, 0.59, 0.22
HSL	133°, 60%, 49%
HSV	133°, 75%, 78%
XYZ	23.2130, 42.1090, 14.8870
YIQ	140.8120, -51.8430, -68.1870

Conversions

Conversions Part 2

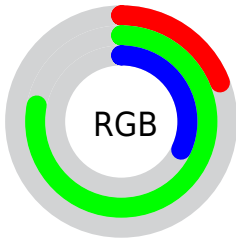
Format	Color
RYB	49, 172, 199
Decimal	3262290
CIELab	70.95, -62.23, 46.87
CIELCh	71, 77.908, 143.012
Yxy	42.1090, 0.2894, 0.5250
Android (android.graphics.Color)	4281452370 (0xFF31C752)
YUV	140.8120, -28.9943, -80.5191
Hunter-Lab	64.8915, -49.7069, 31.8220

Details

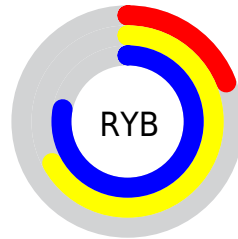
The YUV color **140.8120, -28.9943, -80.5191** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **107.1880, 28.9943, 80.5191**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.3570, -32.2210, -72.2271**, and **87.8340, -29.0052, -77.0304** is the 20% darker color. If you saturate the color by 10%, you get **133.0080, -33.0349, -91.2150**, and if you desaturate by 10%, it is **148.6160, -24.9537, -69.8232**.

Distribution



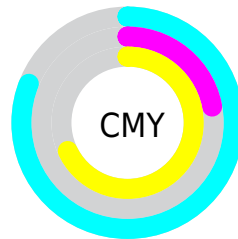
- Red (19%)
- Green (78%)
- Blue (32%)



- Red (19%)
- Yellow (67%)
- Blue (78%)



- Cyan (75%)
- Magenta (0%)
- Yellow (59%)
- Black (22%)



- Cyan (81%)
- Magenta (22%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8120, -28.9943, -80.5191 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 140.8120, -28.9943, -80.5191 by changing the saturation by 10% instead.

■ 140.8120,
-28.9943, -80.5191

■ 140.8120,
-28.9943, -80.5191

■ 255.0000, 0.0000,
0.0000

■ 106.7610,
-25.0252, -93.6294

■ 200.3570,
-32.2210, -72.2271

■ 87.8340, -29.0052,
-77.0304

■ 212.7040,
-24.9971, -55.8684

■ 68.6790, -33.8587,
-60.2315

■ 224.8660,
-17.1889, -40.2245

■ 53.4170, -26.3346,
-46.8467

■ 237.0280, -9.3808,
-24.5806

■ 38.7420, -19.0998,
-33.9767

■ 249.6030, -1.2833,
-8.4218

■ 24.6540, -12.1544,
-21.6216

■ 3.5220, -1.7363,

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 140.8120,
-28.9943, -80.5191

■ 140.8120,
-28.9943, -80.5191

■ 133.0080,
-33.0349, -91.2150

■ 148.6160,
-24.9537, -69.8232

■ 125.3180,
-36.6388, -102.0109

■ 156.3060,
-21.3499, -59.0274

■ 121.8290,
-38.3697, -106.8440

■ 164.1100,
-17.3092, -48.3315

■ 171.8000,
-13.7054, -37.5356

■ 179.3050, -9.5174,
-27.4545

■ 186.9950, -5.9135,
-16.6586

■ 194.7990, -1.8729,
-5.9627

■ 202.4890, 1.7309,
4.8331

■ 210.2930, 5.7716,
15.5290

Harmonies

Analogous

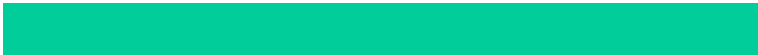
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



155.6410, -76.2380, -0.5622



140.8120, -28.9943, -80.5191



137.8910, 7.9417, -120.9304

Triad

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



140.8120, -28.9943, -80.5191



138.8390, 57.2674, -121.7618



152.4890, -14.5381, 89.9021

Complementary

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



140.8120, -28.9943, -80.5191



107.1880, 28.9943, 80.5191

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.



158.1210, 17.1953, 84.9629



140.8120, -28.9943, -80.5191



165.4260, 44.1600, -24.0526

Square

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



140.8120, -28.9943, -80.5191



147.0570, 53.2159, -128.9690



177.1510, 38.3796, 56.8726



162.1020, -51.3223, 81.4715

Rectangle

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



140.8120, -28.9943, -80.5191



144.1780, 29.4922, -126.4441



177.1510, 38.3796, 56.8726



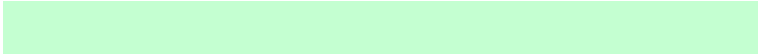
151.5890, -2.7554, 90.6914

Sweetspot

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



140.8120, -28.9943, -80.5191



232.1150, -11.3957, -31.6729



172.3320, -60.8027, -4.6762



114.0440, -6.9237, -19.3326



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.



140.8120, -28.9943, -80.5191



165.8240, -44.2832, -123.5026



149.3620, 3.7655, -88.0175



95.5110, -1.7309, -4.8331



99.7850, -31.4460, -87.5114



22.0440, -6.9237, -19.3326

Inverse Universe

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



107.1880, 28.9943, 80.5191



114.2900, 44.7200, 123.4027



98.6380, -3.7655, 88.0175



93.4890, 1.7309, 4.8331



63.2150, 31.4460, 87.5114



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 140.8120, -28.9943, -80.5191 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 140.8120, -28.9943, -80.5191 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 140.8120, -28.9943, -80.5191 Background



This preview shows how black text looks on a background with the YUV color 140.8120, -28.9943, -80.5191.



This preview shows how white text looks on a background with the YUV color 140.8120, -28.9943, -80.5191.

-80.5191.

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

140.8120, -28.9943, -80.5191

Protanopia

166.5090, -45.6069, 21.4786

Deuteranopia

169.8450, -38.3776, 36.0929



Tritanopia

159.7070, 20.8504, -61.1330

Trichromacy



Original Color

140.8120, -28.9943, -80.5191



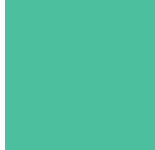
Protanomaly

157.1730, -39.5253, -15.9377



Deuteranomaly

159.3790, -35.1898, -6.4714



Tritanomaly

152.5540, 2.6849, -68.0149

Monochromacy



Original Color

140.8120, -28.9943, -80.5191



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

141.0660, -10.3855, -28.9989

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8120, -28.9943, -80.5191 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(49, 199, 82)` looks like.

```
.text, #text, p{  
    color:rgb(49, 199, 82)  
}
```

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(49, 199, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 199, 82) }
```

Border

The CSS property to change the border of an element to YUV 140.8120, -28.9943, -80.5191 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(49, 199, 82) }
```


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

```
.border{ border-color:rgb(49, 199, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 199, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 199, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 199, 82);  
box-shadow:4px 4px 4px 4px rgb(49, 199,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 140.8120, -28.9943, -80.5191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 199, 82) }
```

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

```
.background{ background-color: rgb(49, 199,  
82) }
```

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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