

Converting Colors

YUV(117.1980, -31.1566,
-86.9966)

Have a look what the booklet for
YUV(117.1980, -31.1566, -86.9966)
contains.

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Color

**YUV(117.1980, -31.1566,
-86.9966)**

Conversions

Conversions Part 1

Format	Color
Hex	12B436
RGB	18, 180, 54
RGB Percent	7%, 71%, 21%
CMY	0.9294, 0.2941, 0.7882
CMYK	0.90, 0.00, 0.70, 0.29
HSL	133°, 82%, 39%
HSV	133°, 90%, 71%
XYZ	17.2366, 33.0375, 8.9584
YIQ	117.1980, -56.1060, -73.5300

Conversions

Conversions Part 2

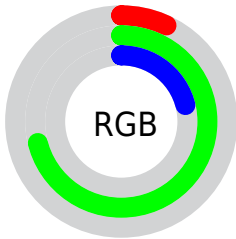
Format	Color
RYB	18, 151, 180
Decimal	1225782
CIELab	64.19, -62.64, 51.27
CIELCh	64, 80.948, 140.697
Yxy	33.0375, 0.2910, 0.5578
Android (android.graphics.Color)	4279415862 (0xFF12B436)
YUV	117.1980, -31.1566, -86.9966
Hunter-Lab	57.4782, -47.0583, 30.9939

Details

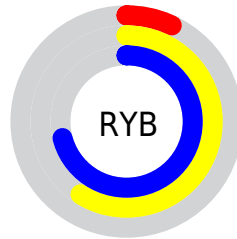
The YUV color **117.1980, -31.1566, -86.9966** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **80.8020, 31.1566, 86.9966**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.2170, -36.5890, -71.2273**, and **73.3750, -36.1739, -64.3499** is the 20% darker color. If you saturate the color by 10%, you get **110.2200, -34.6185, -96.6629**, and if you desaturate by 10%, it is **124.1760, -27.6948, -77.3304**.

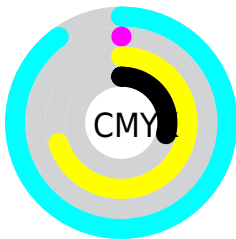
Distribution



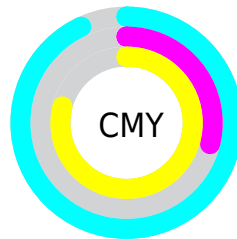
- Red (7%)
- Green (71%)
- Blue (21%)



- Red (7%)
- Yellow (59%)
- Blue (71%)



- Cyan (90%)
- Magenta (0%)
- Yellow (70%)
- Black (29%)



- Cyan (93%)
- Magenta (29%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1980, -31.1566, -86.9966 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 117.1980, -31.1566, -86.9966 by changing the saturation by 10% instead.

■ 117.1980,
-31.1566, -86.9966

■ 117.1980,
-31.1566, -86.9966

■ 255.0000, 0.0000,
0.0000

■ 92.0740, -33.0675,
-80.7489

■ 181.2170,
-36.5890, -71.2273

■ 73.3750, -36.1739,
-64.3499

■ 204.1300,
-34.5741, -64.1350

■ 58.1130, -28.6497,
-50.9651

■ 216.4770,
-27.3502, -47.7763

■ 43.4380, -21.4149,
-38.0951

■ 228.6390,
-19.5420, -32.1324

■ 29.9370, -14.7589,
-26.2547

■ 240.9150,
-11.2971, -16.5885

■ 13.5010, -6.6560,
-11.8404

■ 253.4900, -3.1996,

■ 0.0000, 0.0000,

-0.4297

0.0000

■ 117.1980,
-31.1566, -86.9966

■ 117.1980,
-31.1566, -86.9966

■ 110.2200,
-34.6185, -96.6629

■ 124.1760,
-27.6948, -77.3304

■ 131.1540,
-24.2329, -67.6641

■ 138.1320,
-20.7711, -57.9978

■ 145.1100,
-17.3092, -48.3315

■ 152.0880,
-13.8474, -38.6652

■ 159.0660,
-10.3855, -28.9989

■ 166.0440, -6.9237,
-19.3326

■ 173.0220, -3.4618,
-9.6663

■ 180.0000, 0.0000,
0.0000

Harmonies

Analogous

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



139.8890, -68.9653, 0.0973



117.1980, -31.1566, -86.9966



124.0020, 2.9570, -108.7498

Triad

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



117.1980, -31.1566, -86.9966



129.4470, 61.8976, -113.5250



134.4570, -12.5503, 105.7162

Complementary

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



117.1980, -31.1566, -86.9966



80.8020, 31.1566, 86.9966

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.



141.4910, 19.4779, 99.5474



117.1980, -31.1566, -86.9966



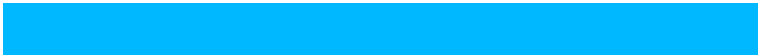
143.7750, 54.8339, -41.0217

Square

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



117.1980, -31.1566, -86.9966



137.0780, 58.1355, -120.2174



158.3230, 44.2108, 53.2137



146.5490, -52.5287, 95.1115

Rectangle

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



117.1980, -31.1566, -86.9966



130.8760, 24.2181, -114.7783



158.3230, 44.2108, 53.2137



133.6710, -0.3308, 106.4055

Sweetspot

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



117.1980, -31.1566, -86.9966



210.1640, -12.4059, -34.3468



151.0670, -65.6020, -5.3208



102.6310, -7.2131, -19.8474



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



117.1980, -31.1566, -86.9966



143.8730, -45.2934, -126.1766



126.3180, 3.7872, -94.9949



85.5110, -1.7309, -4.8331



93.6870, -29.4257, -82.1635



15.9460, -4.9034, -13.9846

Inverse Universe

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



80.8020, 31.1566, 86.9966



91.0130, 44.8566, 126.2766



71.6820, -3.7872, 94.9949



83.4890, 1.7309, 4.8331



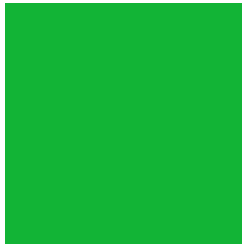
59.3130, 29.4257, 82.1635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 117.1980, -31.1566, -86.9966 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 117.1980, -31.1566, -86.9966 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 117.1980, -31.1566, -86.9966 Background



This preview shows how black text looks on a background with the YUV color 117.1980, -31.1566, -86.9966.



This preview shows how white text looks on a background with the YUV color 117.1980, -31.1566, -86.9966.

-86.9966.

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

117.1980, -31.1566, -86.9966

Protanopia

148.0700, -49.8275, 21.8636

Deuteranopia

150.9220, -41.8665, 35.1484



Tritanopia

141.7890, 19.8240, -58.5740

Trichromacy



Original Color

117.1980, -31.1566, -86.9966



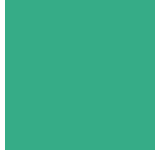
Protanomaly

136.9510, -42.8668, -17.4970



Deuteranomaly

138.6730, -37.7998, -9.3602



Tritanomaly

132.5000, 1.2325, -68.8445

Monochromacy



Original Color

117.1980, -31.1566, -86.9966



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

117.1150, -11.3957, -31.6729

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1980, -31.1566, -86.9966 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(18, 180, 54)` looks like.

```
.text, #text, p{  
    color:rgb(18, 180, 54)  
}
```

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(18, 180, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 180, 54) }
```

Border

The CSS property to change the border of an element to YUV 117.1980, -31.1566, -86.9966 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(18, 180, 54) }
```


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

```
.border{ border-color:rgb(18, 180, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 180, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 180, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 180, 54);  
box-shadow:4px 4px 4px 4px rgb(18, 180,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 117.1980, -31.1566, -86.9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 180, 54) }
```

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

```
.background{ background-color: rgb(18, 180,  
54) }
```

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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