

Converting Colors

YUV(146.4270, -11.5495,
-75.7965)

Have a look what the booklet for
YUV(146.4270, -11.5495, -75.7965)
contains.

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Color

**YUV(146.4270, -11.5495,
-75.7965)**

Conversions

Conversions Part 1

Format	Color
Hex	3CC37B
RGB	60, 195, 123
RGB Percent	24%, 76%, 48%
CMY	0.7647, 0.2353, 0.5176
CMYK	0.69, 0.00, 0.37, 0.24
HSL	148°, 53%, 50%
HSV	148°, 69%, 76%
XYZ	24.9537, 41.4209, 25.4187
YIQ	146.4270, -57.3480, -51.0120

Conversions

Conversions Part 2

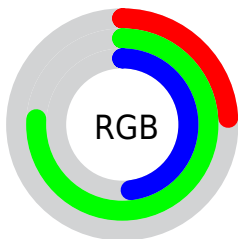
Format	Color
RYB	60, 152, 195
Decimal	3982203
CIELab	70.47, -52.55, 25.94
CIELCh	70, 58.606, 153.731
Yxy	41.4209, 0.2718, 0.4512
Android (android.graphics.Color)	4282172283 (0xFF3CC37B)
YUV	146.4270, -11.5495, -75.7965
Hunter-Lab	64.3591, -43.4192, 21.6347

Details

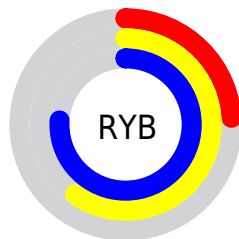
The YUV color **146.4270, -11.5495, -75.7965** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **108.5730, 11.5495, 75.7965**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3520, -14.4705, -72.2227**, and **90.5020, -8.6285, -79.3703** is the 20% darker color. If you saturate the color by 10%, you get **139.6060, -13.1168, -86.4775**, and if you desaturate by 10%, it is **153.5470, -10.1297, -64.5007**.

Distribution



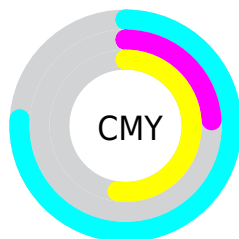
- Red (24%)
- Green (76%)
- Blue (48%)



- Red (24%)
- Yellow (60%)
- Blue (76%)



- Cyan (69%)
- Magenta (0%)
- Yellow (37%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.4270, -11.5495, -75.7965 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 146.4270, -11.5495, -75.7965 by changing the saturation by 10% instead.

■ 146.4270,
-11.5495, -75.7965

■ 146.4270,
-11.5495, -75.7965

■ 255.0000, 0.0000,
0.0000

■ 112.1910, -6.9962,
-89.6215

■ 205.3520,
-14.4705, -72.2227

■ 90.5020, -8.6285,
-79.3703

■ 218.6880, -7.2412,
-57.6084

■ 72.6180, -11.1507,
-63.6860

■ 230.8500, 0.5670,
-41.9644

■ 54.7340, -13.6729,
-48.0017

■ 242.4420, 6.1911,
-25.8206

■ 37.3230, -16.9212,
-32.7323

■ 251.4120, 1.7689,
-7.3773

■ 24.0670, -11.8650,
-21.1068

■ 1.7610, -0.8682,

-1.5444

■ 0.0000, 0.0000,
0.0000

■ 146.4270,
-11.5495, -75.7965

■ 146.4270,
-11.5495, -75.7965

■ 139.6060,
-13.1168, -86.4775

■ 153.5470,
-10.1297, -64.5007

■ 132.3720,
-14.9734, -97.6732

■ 160.4820, -8.1256,
-53.9197

■ 125.5510,
-16.5406, -108.3542

■ 167.6020, -6.7058,
-42.6240

■ 124.8390,
-16.6826, -109.4838

■ 174.5370, -4.7017,
-32.0429

■ 181.6570, -3.2819,
-20.7472

■ 188.4780, -1.7147,
-10.0662

■ 195.7120, 0.1420,
1.1296

■ 202.5330, 1.7092,
11.8106

■ 209.7670, 3.5659,
23.0063

Harmonies

Analogous

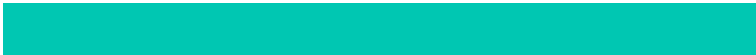
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160.3470, -40.1041, -16.9673



146.4270, -11.5495, -75.7965



137.1050, 20.1612, -120.2411

Triad

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



146.4270, -11.5495, -75.7965



155.1060, 49.2477, -69.3760



167.5400, -25.4092, 76.7024

Complementary

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



146.4270, -11.5495, -75.7965



108.5730, 11.5495, 75.7965

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.



168.7720, -0.3806, 75.6220



146.4270, -11.5495, -75.7965



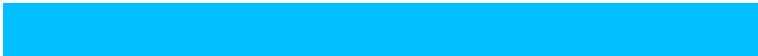
175.6580, 39.1156, 7.3159

Square

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



146.4270, -11.5495, -75.7965



140.6000, 56.3992, -123.3062



177.0960, 21.6447, 57.7978



169.3490, -46.0211, 61.0839

Rectangle

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



146.4270, -11.5495, -75.7965



140.6220, 36.1754, -123.3255



177.0960, 21.6447, 57.7978



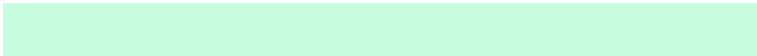
166.5430, -16.5367, 77.5768

Sweetspot

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



146.4270, -11.5495, -75.7965



232.9610, -4.4178, -29.7838



160.7730, -49.6811, -25.2339



116.4940, -2.7085, -17.9732



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.



146.4270, -11.5495, -75.7965



176.8550, -17.6765, -117.3908



154.1790, 18.1528, -82.5950



93.4400, -0.7099, -5.6479



103.0570, -13.8321, -90.3810



21.0810, -2.9979, -18.4880

Inverse Universe

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



108.5730, 11.5495, 75.7965



118.2590, 18.1133, 117.2909



100.9350, -17.7160, 82.4950



90.5600, 0.7099, 5.6479



57.9430, 13.8321, 90.3810



11.9190, 2.9979, 18.4880

Previews

White Background



This preview shows how the YUV color 146.4270, -11.5495, -75.7965 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 146.4270, -11.5495, -75.7965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

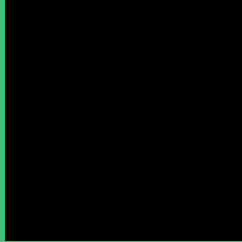
Any Text WCAG AA ✓ Pass

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 146.4270, -11.5495, -75.7965 Background



This preview shows how black text looks on a background with the YUV color 146.4270, -11.5495, -75.7965.



This preview shows how white text looks on a background with the YUV color 146.4270, -11.5495, -75.7965.

-75.7965.

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

146.4270, -11.5495, -75.7965

Protanopia

168.8730, -27.5454, 15.0204

Deuteranopia

171.1870, -20.3052, 26.1460



Tritanopia

158.7070, 20.8504, -61.1330

Trichromacy



Original Color

146.4270, -11.5495, -75.7965



Protanomaly

160.8580, -21.6220, -18.2925



Deuteranomaly

162.0530, -17.2811, -10.5705



Tritanomaly

153.9870, 9.3734, -66.6406

Monochromacy



Original Color

146.4270, -11.5495, -75.7965



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.3850, -4.1338, -27.5246

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.4270, -11.5495, -75.7965 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(60, 195, 123)` looks like.

```
.text, #text, p{  
    color:rgb(60, 195, 123)  
}
```

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(60, 195, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 195, 123) }
```

Border

The CSS property to change the border of an element to YUV 146.4270, -11.5495, -75.7965 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(60, 195, 123) }
```


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

```
.border{ border-color:rgb(60, 195, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 195, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 195, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 195, 123);  
box-shadow:4px 4px 4px 4px rgb(60, 195,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 146.4270, -11.5495, -75.7965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 195, 123) }
```

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

```
.background{ background-color: rgb(60, 195,  
123) }
```

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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