

Converting Colors

YUV(127.9040, -11.7847,
-93.7548)

Have a look what the booklet for
YUV(127.9040, -11.7847, -93.7548)
contains.

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Color

**YUV(127.9040, -11.7847,
-93.7548)**

Conversions

Conversions Part 1

Format	Color
Hex	15BB68
RGB	21, 187, 104
RGB Percent	8%, 73%, 41%
CMY	0.9176, 0.2667, 0.5922
CMYK	0.89, 0.00, 0.44, 0.27
HSL	150°, 80%, 41%
HSV	150°, 89%, 73%
XYZ	20.5783, 36.6996, 19.0958
YIQ	127.9040, -72.2930, -61.0050

Conversions

Conversions Part 2

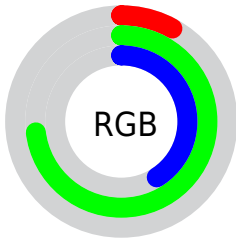
Format	Color
RYB	21, 132, 187
Decimal	1424232
CIELab	67.05, -57.74, 31.24
CIELCh	67, 65.654, 151.585
Yxy	36.6996, 0.2694, 0.4805
Android (android.graphics.Color)	4279614312 (0xFF15BB68)
YUV	127.9040, -11.7847, -93.7548
Hunter-Lab	60.5802, -45.3812, 23.7169

Details

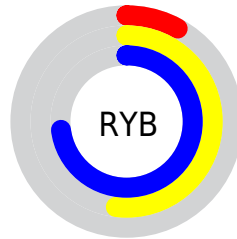
The YUV color **127.9040, -11.7847, -93.7548** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **80.0960, 11.7847, 93.7548**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2110, -17.3590, -79.1150**, and **83.7540, -14.1757, -73.4523** is the 20% darker color. If you saturate the color by 10%, you get **121.1970, -12.9151, -104.5358**, and if you desaturate by 10%, it is **134.6110, -10.6542, -82.9738**.

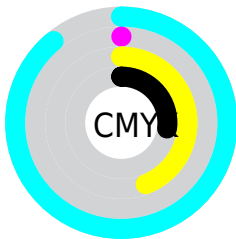
Distribution



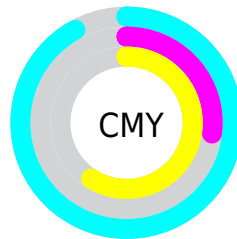
- Red (8%)
- Green (73%)
- Blue (41%)



- Red (8%)
- Yellow (52%)
- Blue (73%)



- Cyan (89%)
- Magenta (0%)
- Yellow (44%)
- Black (27%)



- Cyan (92%)
- Magenta (27%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.9040, -11.7847, -93.7548 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 127.9040, -11.7847, -93.7548 by changing the saturation by 10% instead.

■ 127.9040,
-11.7847, -93.7548

■ 127.9040,
-11.7847, -93.7548

255.0000, 0.0000,
0.0000

■ 102.3390,
-11.5061, -89.7513

■ 191.2110,
-17.3590, -79.1150

■ 83.7540, -14.1757,
-73.4523

■ 210.0150,
-13.3184, -68.4192

■ 65.7560, -17.1347,
-57.6680

■ 222.4760, -5.6577,
-52.1605

■ 47.6440, -20.5305,
-41.7838

■ 234.7520, 2.5873,
-36.6165

■ 32.8720, -16.2059,
-28.8287

■ 245.4320, 4.7170,
-19.6729

■ 18.7840, -9.2605,
-16.4736

254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 127.9040,
-11.7847, -93.7548

■ 127.9040,
-11.7847, -93.7548

■ 121.1970,
-12.9151, -104.5358

■ 134.6110,
-10.6542, -82.9738

■ 120.4850,
-13.0571, -105.6653

■ 141.1330, -8.9396,
-72.9076

■ 147.8400, -7.8091,
-62.1267

■ 154.5470, -6.6787,
-51.3457

■ 161.3680, -5.1114,
-40.6647

■ 167.7760, -3.8336,
-30.4986

■ 174.4830, -2.7031,
-19.7176

■ 181.3040, -1.1359,
-9.0366

■ 187.7120, 0.1420,
1.1296

Harmonies

Analogous

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



149.6970, -47.6716, -16.3973



127.9040, -11.7847, -93.7548



130.9270, 16.7980, -114.8230

Triad

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



127.9040, -11.7847, -93.7548



128.2730, 62.4764, -112.4954



156.3070, -25.2944, 86.5538

Complementary

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



127.9040, -11.7847, -93.7548



80.0960, 11.7847, 93.7548

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.



157.0490, 2.9338, 85.9030



127.9040, -11.7847, -93.7548



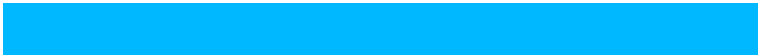
164.7050, 44.5154, 2.0127

Square

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



127.9040, -11.7847, -93.7548



137.0780, 58.1355, -120.2174



166.3830, 26.4332, 61.9311



158.8400, -50.7001, 68.5463

Rectangle

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



127.9040, -11.7847, -93.7548



135.4870, 34.2699, -118.8221



166.3830, 26.4332, 61.9311



154.8370, -15.6956, 87.8430

Sweetspot

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



127.9040, -11.7847, -93.7548



218.9170, -4.3961, -36.7612



143.2590, -60.2737, -34.4301



108.1730, -2.5503, -22.0767



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



127.9040, -11.7847, -93.7548



155.8480, -17.1801, -136.6787



137.3660, 24.4696, -102.0530



90.8530, -0.4205, -5.1331



101.7520, -11.2167, -89.2365



19.9070, -2.4192, -17.4584

Inverse Universe

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



80.0960, 11.7847, 93.7548



86.1520, 17.1801, 136.6787



70.6340, -24.4696, 102.0530



88.2610, 0.8573, 5.0331



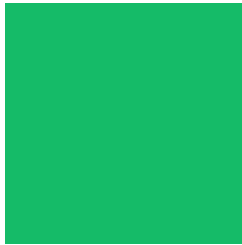
56.2480, 11.2167, 89.2365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 127.9040, -11.7847, -93.7548 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 127.9040, -11.7847, -93.7548 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 127.9040, -11.7847, -93.7548 Background



This preview shows how black text looks on a background with the YUV color 127.9040, -11.7847, -93.7548.



This preview shows how white text looks on a background with the YUV color 127.9040, -11.7847, -93.7548.

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

127.9040, -11.7847, -93.7548

Protanopia

158.8470, -31.4766, 15.9202

Deuteranopia

161.4600, -24.3838, 27.6606



Tritanopia

147.2010, 21.5929, -65.9513

Trichromacy



Original Color

127.9040, -11.7847, -93.7548



Protanomaly

147.4290, -24.3685, -24.0552



Deuteranomaly

149.3250, -19.8802, -16.9480



Tritanomaly

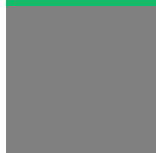
140.2200, 9.2585, -76.4919

Monochromacy



Original Color

127.9040, -11.7847, -93.7548



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

127.6400, -4.2595, -33.8873

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.9040, -11.7847, -93.7548 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(21, 187, 104)` looks like.

```
.text, #text, p{  
    color:rgb(21, 187, 104)  
}
```

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(21, 187, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 187, 104) }
```

Border

The CSS property to change the border of an element to YUV 127.9040, -11.7847, -93.7548 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(21, 187, 104) }
```


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

```
.border{ border-color:rgb(21, 187, 104) }
```

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

Here you see how a box with a 4 pixel rgb(21, 187, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 187, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 187, 104);  
box-shadow:4px 4px 4px 4px rgb(21, 187,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 127.9040, -11.7847, -93.7548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 187, 104) }
```

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

```
.background{ background-color: rgb(21, 187,  
104) }
```

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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