

Converting Colors

YUV(112.8980, -49.7427,
-99.0115)

Have a look what the booklet for
YUV(112.8980, -49.7427, -99.0115)
contains.

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Color

**YUV(112.8980, -49.7427,
-99.0115)**

Conversions

Conversions Part 1

Format	Color
Hex	00BE0C
RGB	0, 190, 12
RGB Percent	0%, 75%, 5%
CMY	1.0000, 0.2549, 0.9529
CMYK	1.00, 0.00, 0.94, 0.25
HSL	124°, 100%, 37%
HSV	124°, 100%, 75%
XYZ	18.4798, 36.8535, 6.4873
YIQ	112.8980, -56.1020, -95.6380

Conversions

Conversions Part 2

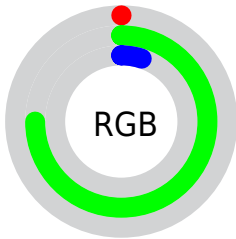
Format	Color
RYB	0, 179, 190
Decimal	48652
CIELab	67.17, -68.82, 65.28
CIELCh	67, 94.852, 136.512
Yxy	36.8535, 0.2989, 0.5961
Android (android.graphics.Color)	4278238732 (0xFF00BE0C)
YUV	112.8980, -49.7427, -99.0115
Hunter-Lab	60.7070, -51.9002, 36.1591

Details

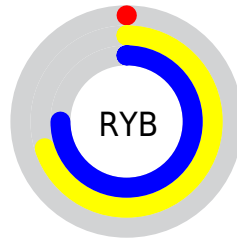
The YUV color **112.8980, -49.7427, -99.0115** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **77.1020, 49.7427, 99.0115**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.1230, -50.8396, -73.7759**, and **79.2450, -39.0678, -69.4979** is the 20% darker color. If you saturate the color by 10%, you get **112.8980, -49.7427, -99.0115**, and if you desaturate by 10%, it is **120.6310, -44.6811, -89.1304**.

Distribution



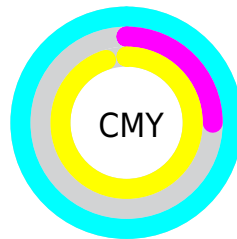
- Red (0%)
- Green (75%)
- Blue (5%)



- Red (0%)
- Yellow (70%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (94%)
- Black (25%)





- Cyan (100%)
- Magenta (25%)
- Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.8980, -49.7427, -99.0115 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 112.8980, -49.7427, -99.0115 by changing the saturation by 10% instead.


 112.8980,
-49.7427, -99.0115


 112.8980,
-49.7427, -99.0115


255.0000, 0.0000,
0.0000


 95.0940, -46.8813,
-83.3974


 185.1230,
-50.8396, -73.7759


 79.2450, -39.0678,
-69.4979


 201.9920,
-45.3521, -60.5060


 63.3960, -31.2542,
-55.5983


 214.7520,
-37.8387, -43.6325

 48.1340, -23.7301,
-42.2135

 227.3270,
-29.7412, -27.4738

 34.0460, -16.7847,
-29.8583

 239.7880,
-22.0805, -11.2151

 19.3710, -9.5499,
-16.9884

 251.4660,

 0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.8860, -0.4368,
0.1000

■ 112.8980,
-49.7427, -99.0115

■ 120.6310,
-44.6811, -89.1304

■ 128.3640,
-39.6195, -79.2492

■ 135.9830,
-34.9946, -69.2681

■ 143.7160,
-29.9330, -59.3869

■ 151.4490,
-24.8714, -49.5058

■ 159.1820,
-19.8097, -39.6246

■ 166.9150,
-14.7481, -29.7435

■ 174.5340,
-10.1233, -19.7623

■ 182.2670, -5.0616,
-9.8812

Harmonies

Analogous

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



148.1840, -73.0547, 5.1006



112.8980, -49.7427, -99.0115



129.9060, -4.8837, -113.9276

Triad

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



112.8980, -49.7427, -99.0115



137.6650, 57.8462, -120.7322



119.3890, 0.7942, 118.9308

Complementary

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



112.8980, -49.7427, -99.0115



77.1020, 49.7427, 99.0115

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.



133.7750, 35.6069, 106.3143



112.8980, -49.7427, -99.0115



121.8160, 65.6597, -106.8326

Square

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



112.8980, -49.7427, -99.0115



144.7090, 54.3735, -126.9098



162.6650, 45.5212, 52.9138



140.1090, -51.8187, 100.7594

Rectangle

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



112.8980, -49.7427, -99.0115



138.0340, 21.1822, -121.0558



162.6650, 45.5212, 52.9138



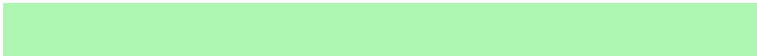
116.7110, 15.9185, 121.2795

Sweetspot

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



112.8980, -49.7427, -99.0115



217.0080, -19.2309, -38.5950



165.6490, -81.6650, 13.4628



106.7570, -11.7122, -23.4659



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



112.8980, -49.7427, -99.0115



146.8130, -64.4908, -128.7550



123.3860, -9.5573, -108.2095



90.3970, -2.1677, -4.7332



93.8860, -41.3558, -82.3380



18.4250, -8.0975, -16.1587

Inverse Universe

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



77.1020, 49.7427, 99.0115



100.3010, 64.9276, 128.6550



66.5000, 9.1205, 108.3095



88.7170, 2.6045, 4.6332



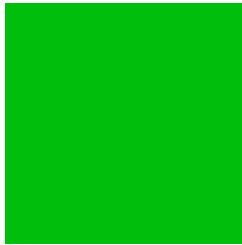
64.1140, 41.3558, 82.3380



12.5750, 8.0975, 16.1587

Previews

White Background



This preview shows how the YUV color 112.8980, -49.7427, -99.0115 looks on a white background.

Color Contrast Check

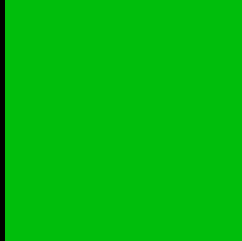
Large Text (above 18pt) WCAG AA × Fail

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 112.8980, -49.7427, -99.0115 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 112.8980, -49.7427, -99.0115 Background



This preview shows how black text looks on a background with the YUV color 112.8980, -49.7427, -99.0115.



This preview shows how white text looks on a background with the YUV color 112.8980, -49.7427, -99.0115.

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

112.8980, -49.7427, -99.0115

Protanopia

150.3980, -74.1462, 28.5920

Deuteranopia

156.2960, -55.8549, 41.8364



Tritanopia

149.5930, 20.4137, -61.0331

Trichromacy



Original Color

112.8980, -49.7427, -99.0115



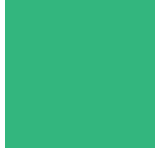
Protanomaly

136.6910, -65.4167, -18.1460



Deuteranomaly

140.5470, -53.5137, -9.2497



Tritanomaly

136.4470, -5.1504, -74.9370

Monochromacy



Original Color

112.8980, -49.7427, -99.0115



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

112.9590, -18.2208, -35.9210

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8980, -49.7427, -99.0115 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(0, 190, 12)` looks like.

```
.text, #text, p{  
    color:rgb(0, 190, 12)  
}
```

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(0, 190, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 190, 12) }
```

Border

The CSS property to change the border of an element to YUV 112.8980, -49.7427, -99.0115 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(0, 190, 12) }
```


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

```
.border{ border-color:rgb(0, 190, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 190, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 190, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 190, 12);  
box-shadow:4px 4px 4px 4px rgb(0, 190, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 112.8980, -49.7427, -99.0115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 190, 12) }
```

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

```
.background{ background-color: rgb(0, 190,  
12) }
```

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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