

Converting Colors

YUV(163.9780, -80.8412,
-17.5207)

Have a look what the booklet for
YUV(163.9780, -80.8412, -17.5207)
contains.

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Color

**YUV(163.9780, -80.8412,
-17.5207)**

Conversions

Conversions Part 1

Format	Color
Hex	90CE00
RGB	144, 206, 0
RGB Percent	56%, 81%, 0%
CMY	0.4353, 0.1922, 1.0000
CMYK	0.30, 0.00, 1.00, 0.19
HSL	78°, 100%, 40%
HSV	78°, 100%, 81%
XYZ	33.5729, 50.0719, 7.8954
YIQ	163.9780, 29.1740, -77.2100

Conversions

Conversions Part 2

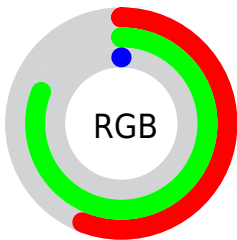
Format	Color
RYB	0, 206, 62
Decimal	9489920
CIELab	76.11, -43.60, 75.42
CIELCh	76, 87.110, 120.032
Yxy	50.0719, 0.3668, 0.5470
Android (android.graphics.Color)	4287680000 (0xFF90CE00)
YUV	163.9780, -80.8412, -17.5207
Hunter-Lab	70.7615, -39.1430, 42.9176

Details

The YUV color **163.9780, -80.8412, -17.5207** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **42.0220, 80.8412, 17.5207**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8440, -67.4641, -14.7722**, and **114.3510, -56.3750, -24.8638** is the 20% darker color. If you saturate the color by 10%, you get **163.9780, -80.8412, -17.5207**, and if you desaturate by 10%, it is **168.1660, -72.5528, -15.9316**.

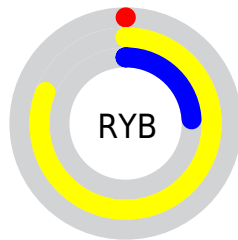
Distribution



Red (56%)

Green (81%)

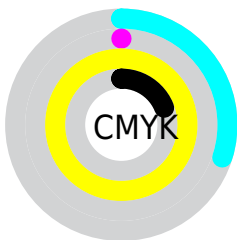
Blue (0%)



Red (0%)

Yellow (81%)

Blue (24%)

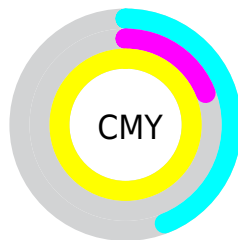


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (44%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.9780, -80.8412, -17.5207 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 163.9780, -80.8412, -17.5207 by changing the saturation by 10% instead.

■ 163.9780,
-80.8412, -17.5207

■ 163.9780,
-80.8412, -17.5207

■ 255.0000, 0.0000,
0.0000

■ 138.8710,
-68.4634, -20.9349

■ 219.8440,
-67.4641, -14.7722

■ 114.3510,
-56.3750, -24.8638

■ 232.2340,
-58.7824, 0.6718

■ 90.1190, -44.4287,
-29.9224

■ 242.1180,
-49.3582, 11.2975

■ 64.6800, -31.8872,
-39.1844

■ 245.4240,
-36.6910, 8.3982

■ 44.0250, -21.7043,
-38.6099

■ 248.7300,
-24.0239, 5.4988

■ 29.9370, -14.7589,
-26.2547

■ 252.0360,

■ 17.6100, -8.6817,

-11.3567, 2.5994

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 163.9780,
-80.8412, -17.5207

■ 168.1660,
-72.5528, -15.9316

■ 172.2400,
-64.7013, -14.2425

■ 176.7270,
-56.5604, -12.0386

■ 180.8010,
-48.7089, -10.3495

■ 184.9890,
-40.4206, -8.7604

■ 189.1770,
-32.1323, -7.1712

■ 193.2510,
-24.2807, -5.4821

■ 197.7380,
-16.1398, -3.2782

■ 201.8120, -8.2883,
-1.5891

Harmonies

Analogous

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



174.9840, -86.2671, 42.9870



163.9780, -80.8412, -17.5207



139.5940, -18.5338, -122.4239

Triad

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



163.9780, -80.8412, -17.5207



155.8620, 48.8750, -136.6910



156.1320, 17.1899, 86.7072

Complementary

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



163.9780, -80.8412, -17.5207



42.0220, 80.8412, 17.5207

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.



179.2770, 37.3314, 66.4091



163.9780, -80.8412, -17.5207



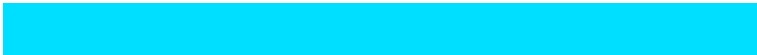
145.2960, 54.0841, -127.4246

Square

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



163.9780, -80.8412, -17.5207



159.9710, 46.8493, -140.2946



180.9300, 36.5165, 0.9384



156.5180, -21.9474, 86.3687

Rectangle

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



163.9780, -80.8412, -17.5207



148.2120, 4.3325, -129.9819



180.9300, 36.5165, 0.9384



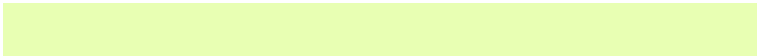
162.1450, 27.5365, 81.4338

Sweetspot

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



163.9780, -80.8412, -17.5207



239.4590, -29.8063, -6.5415



97.9880, -48.3081, 94.7265



118.5700, -18.0290, -4.0079



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.



163.9780, -80.8412, -17.5207



202.9070, -100.0332, -21.8434



133.1810, -65.6582, -80.8427



99.9630, -3.9258, -0.8446



132.1260, -65.1381, -14.1425



30.3790, -14.9768, -2.9634

Inverse Universe

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



42.0220, 80.8412, 17.5207



52.0930, 100.0332, 21.8434



72.8190, 65.6582, 80.8427



94.0370, 3.9258, 0.8446



33.8740, 65.1381, 14.1425



7.9200, 14.8294, 3.5782

Previews

White Background



This preview shows how the YUV color 163.9780, -80.8412, -17.5207 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 163.9780, -80.8412, -17.5207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

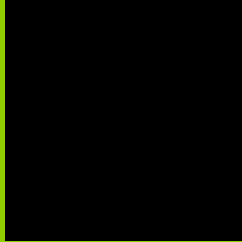
Any Text WCAG AA ✓ Pass

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 163.9780, -80.8412, -17.5207 Background



This preview shows how black text looks on a background with the YUV color 163.9780, -80.8412, -17.5207.



This preview shows how white text looks on a background with the YUV color 163.9780, -80.8412, -17.5207.

-17.5207.

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



Protanopia

172.8580, -85.2190, 33.4505

Deuteranopia

178.6100, -68.8277, 49.4540

Tritanopia

184.7510, 10.9688, -18.1986

Trichromacy



Protanomaly

169.7910, -83.7070, 15.0923

Deuteranomaly

173.6040, -73.2618, 24.9033

Tritanomaly

177.0430, -22.2062, -17.5777

Monochromacy



Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8720, -29.5169, -6.0267

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.9780, -80.8412, -17.5207 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(144, 206, 0)` looks like.

```
.text, #text, p{  
    color:rgb(144, 206, 0)  
}
```

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(144, 206, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 206, 0) }
```

Border

The CSS property to change the border of an element to YUV 163.9780, -80.8412, -17.5207 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(144, 206, 0) }
```

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

```
.border{ border-color:rgb(144, 206, 0) }
```

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

Here you see how a box with a 4 pixel rgb(144, 206, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 206, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 206, 0);  
box-shadow:4px 4px 4px 4px rgb(144, 206,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 163.9780, -80.8412, -17.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 206, 0) }
```

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

```
.background{ background-color: rgb(144,  
206, 0) }
```

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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