

Converting Colors

YUV(164.8860, -81.2888,
-13.9320)

Have a look what the booklet for
YUV(164.8860, -81.2888, -13.9320)
contains.

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Color

**YUV(164.8860, -81.2888,
-13.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	95CD00
RGB	149, 205, 0
RGB Percent	58%, 80%, 0%
CMY	0.4157, 0.1961, 1.0000
CMYK	0.27, 0.00, 1.00, 0.20
HSL	76°, 100%, 40%
HSV	76°, 100%, 80%
XYZ	34.2257, 50.0522, 7.8572
YIQ	164.8860, 32.4290, -75.6270

Conversions

Conversions Part 2

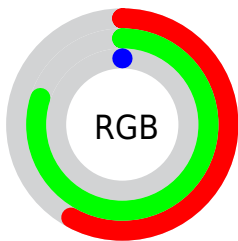
Format	Color
RYB	0, 205, 56
Decimal	9817344
CIELab	76.10, -41.27, 75.53
CIElCh	76, 86.069, 118.652
Yxy	50.0522, 0.3715, 0.5432
Android (android.graphics.Color)	4288007424 (0xFF95CD00)
YUV	164.8860, -81.2888, -13.9320
Hunter-Lab	70.7476, -37.4548, 42.9386

Details

The YUV color **164.8860, -81.2888, -13.9320** 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 **40.1140, 81.2888, 13.9320**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3390, -68.2011, -11.6983**, and **115.2590, -56.8227, -21.2751** is the 20% darker color. If you saturate the color by 10%, you get **164.8860, -81.2888, -13.9320**, and if you desaturate by 10%, it is **168.9600, -73.4373, -12.2429**.

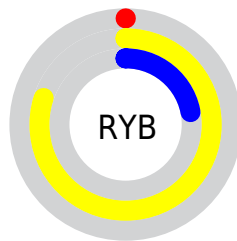
Distribution



Red (58%)

Green (80%)

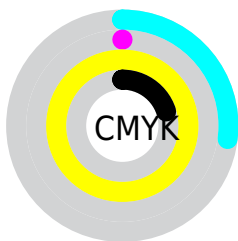
Blue (0%)



Red (0%)

Yellow (80%)

Blue (22%)

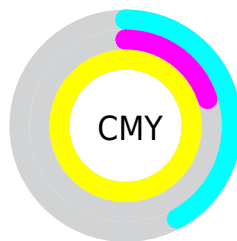


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (42%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8860, -81.2888, -13.9320 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 164.8860, -81.2888, -13.9320 by changing the saturation by 10% instead.

■ 164.8860,
-81.2888, -13.9320

■ 164.8860,
-81.2888, -13.9320

■ 255.0000, 0.0000,
0.0000

■ 139.7790,
-68.9110, -17.3462

■ 221.3390,
-68.2011, -11.6983

■ 115.2590,
-56.8227, -21.2751

■ 233.7290,
-59.5194, 3.7457

■ 91.3260, -45.0237,
-25.7189

■ 242.1180,
-49.3582, 11.2975

■ 66.7840, -32.9245,
-33.1366

■ 245.3100,
-37.1278, 8.4981

■ 43.4380, -21.4149,
-38.0951

■ 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

■ 164.8860,
-81.2888, -13.9320

■ 168.9600,
-73.4373, -12.2429

■ 172.8490,
-65.0016, -11.2686

■ 177.0370,
-56.7132, -9.6794

■ 180.8120,
-48.7143, -8.6051

■ 185.0000,
-40.4260, -7.0160

■ 189.0740,
-32.5745, -5.3269

■ 192.9630,
-24.1388, -4.3526

■ 197.0370,
-16.2872, -2.6634

■ 200.9260, -7.8515,
-1.6891

Harmonies

Analogous

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



175.2940, -86.4199, 45.3462



164.8860, -81.2888, -13.9320



139.2520, -19.8442, -122.1240

Triad

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



164.8860, -81.2888, -13.9320



155.8620, 48.8750, -136.6910



158.3490, 18.0689, 84.7629

Complementary

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



164.8860, -81.2888, -13.9320



40.1140, 81.2888, 13.9320

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.



181.0380, 36.4633, 64.8647



164.8860, -81.2888, -13.9320



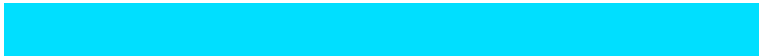
145.2960, 54.0841, -127.4246

Square

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



164.8860, -81.2888, -13.9320



159.9710, 46.8493, -140.2946



180.3100, 36.8222, -3.7799



156.9740, -20.2002, 85.9688

Rectangle

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



164.8860, -81.2888, -13.9320



147.8700, 3.0221, -129.6820



180.3100, 36.8222, -3.7799



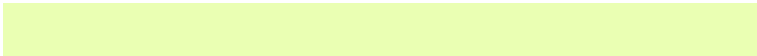
164.2480, 27.9787, 79.5895

Sweetspot

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



164.8860, -81.2888, -13.9320



240.0570, -30.1011, -5.3120



93.5800, -46.1349, 97.7153



118.8690, -18.1764, -3.3931



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.



164.8860, -81.2888, -13.9320



205.0000, -101.0650, -17.5400



134.6870, -66.4007, -76.0245



99.9630, -3.9258, -0.8446



133.3220, -65.7277, -11.6834



30.6780, -15.1243, -2.3486

Inverse Universe

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



40.1140, 81.2888, 13.9320



50.0000, 101.0650, 17.5400



70.3130, 66.4007, 76.0245



94.0370, 3.9258, 0.8446



32.3790, 65.8752, 11.0686



7.3220, 15.1243, 2.3486

Previews

White Background



This preview shows how the YUV color 164.8860, -81.2888, -13.9320 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 164.8860, -81.2888, -13.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

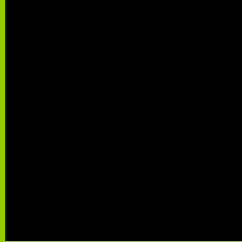
Any Text WCAG AA ✓ Pass

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 164.8860, -81.2888, -13.9320 Background



This preview shows how black text looks on a background with the YUV color 164.8860, -81.2888, -13.9320.



This preview shows how white text looks on a background with the YUV color 164.8860, -81.2888, -13.9320.

-13.9320.

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

178.7950, -69.4119, 50.1688

Tritanopia

185.8330, 9.9423, -15.6395

Trichromacy



Protanomaly

170.0900, -83.8544, 15.7071

Deuteranomaly

173.5010, -73.7040, 26.7476

Tritanomaly

178.1250, -23.2326, -15.0186

Monochromacy



Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.1710, -29.6643, -5.4120

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8860, -81.2888, -13.9320 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(149, 205, 0)` looks like.

```
.text, #text, p{  
    color:rgb(149, 205, 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(149, 205, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 205, 0) }
```

Border

The CSS property to change the border of an element to YUV 164.8860, -81.2888, -13.9320 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(149, 205, 0) }
```

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

```
.border{ border-color:rgb(149, 205, 0) }
```

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

Here you see how a box with a 4 pixel rgb(149, 205, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 205, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 205, 0);  
box-shadow:4px 4px 4px 4px rgb(149, 205,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 164.8860, -81.2888, -13.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 205, 0) }
```

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

```
.background{ background-color: rgb(149,  
205, 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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