

Converting Colors

YUV(164.1300, -61.1961,
-18.5310)

Have a look what the booklet for
YUV(164.1300, -61.1961, -18.5310)
contains.

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Color

**YUV(164.1300, -61.1961,
-18.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC728
RGB	143, 199, 40
RGB Percent	56%, 78%, 16%
CMY	0.4392, 0.2196, 0.8431
CMYK	0.28, 0.00, 0.80, 0.22
HSL	81°, 67%, 47%
HSV	81°, 80%, 78%
XYZ	32.1341, 46.8397, 9.3548
YIQ	164.1300, 17.6630, -61.3210

Conversions

Conversions Part 2

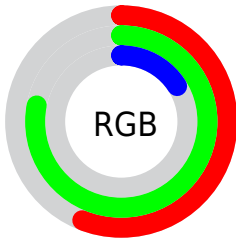
Format	Color
RYB	40, 199, 96
Decimal	9422632
CIELab	74.09, -39.99, 67.07
CIElCh	74, 78.086, 120.802
Yxy	46.8397, 0.3638, 0.5303
Android (android.graphics.Color)	4287612712 (0xFF8FC728)
YUV	164.1300, -61.1961, -18.5310
Hunter-Lab	68.4395, -35.9588, 39.8035

Details

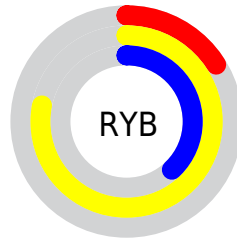
The YUV color **164.1300, -61.1961, -18.5310** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **74.8700, 61.1961, 18.5310**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.1840, -59.7437, -17.7014**, and **110.8290, -54.6387, -21.7750** is the 20% darker color. If you saturate the color by 10%, you get **159.7570, -68.9002, -20.8349**, and if you desaturate by 10%, it is **168.5030, -53.4920, -16.2271**.

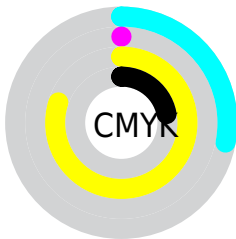
Distribution



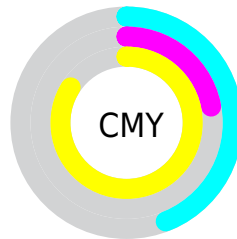
- Red (56%)
- Green (78%)
- Blue (16%)



- Red (16%)
- Yellow (78%)
- Blue (38%)



- Cyan (28%)
- Magenta (0%)
- Yellow (80%)
- Black (22%)



- Cyan (44%)
- Magenta (22%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.1300, -61.1961, -18.5310 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 164.1300, -61.1961, -18.5310 by changing the saturation by 10% instead.

■ 164.1300,
-61.1961, -18.5310

■ 164.1300,
-61.1961, -18.5310

■ 255.0000, 0.0000,
0.0000

■ 134.7620,
-66.4377, -17.3313

■ 221.1840,
-59.7437, -17.7014

■ 110.8290,
-54.6387, -21.7750

■ 233.0470,
-51.7882, -2.6722

■ 87.1950, -42.9871,
-25.6040

■ 243.7140,
-43.2430, 9.8978

■ 62.9520, -31.0353,
-32.4069

■ 246.9060,
-31.0127, 7.0984

■ 40.5030, -19.9680,
-35.5211

■ 250.2120,
-18.3455, 4.1991

■ 27.0020, -13.3120,
-23.6808

■ 253.6320, -5.2416,

■ 13.5010, -6.6560,

1.1997

-11.8404

■ 0.0000, 0.0000,
0.0000

■ 164.1300,
-61.1961, -18.5310

■ 164.1300,
-61.1961, -18.5310

■ 159.7570,
-68.9002, -20.8349

■ 168.5030,
-53.4920, -16.2271

■ 155.3840,
-76.6043, -23.1388

■ 172.8760,
-45.7879, -13.9233

■ 177.2490,
-38.0838, -11.6194

■ 181.6220,
-30.3796, -9.3155

■ 185.9950,
-22.6755, -7.0116

■ 190.2540,
-15.4082, -4.6078

■ 194.6270, -7.7041,
-2.3039

■ 199.0000, 0.0000,
0.0000

■ 203.3730, 7.7041,
2.3039

Harmonies

Analogous

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



169.3580, -83.4935, 40.0280



164.1300, -61.1961, -18.5310



135.5820, -13.5979, -118.9054

Triad

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



164.1300, -61.1961, -18.5310



150.5790, 51.4796, -132.0578



161.0900, 10.8016, 82.3591

Complementary

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



164.1300, -61.1961, -18.5310



74.8700, 61.1961, 18.5310

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.



180.8100, 35.5897, 65.0646



164.1300, -61.1961, -18.5310



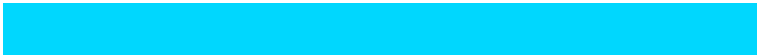
140.6000, 56.3992, -123.3062

Square

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



164.1300, -61.1961, -18.5310



155.1610, 48.7276, -136.0762



178.5820, 37.6741, 2.9976



160.1540, -23.2469, 83.1799

Rectangle

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



164.1300, -61.1961, -18.5310



143.5160, 6.6476, -125.8635



178.5820, 37.6741, 2.9976



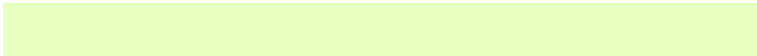
165.5870, 20.4166, 78.4152

Sweetspot

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



164.1300, -61.1961, -18.5310



241.4680, -23.4017, -7.4264



120.4130, -39.6436, 68.9208



119.5960, -14.0978, -4.9077



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.



164.1300, -61.1961, -18.5310



201.3560, -94.3385, -28.3762



140.5090, -49.5509, -67.0984



97.0770, -3.4890, -0.9445



127.3750, -62.7959, -18.7459



28.0090, -13.8084, -4.3929

Inverse Universe

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



74.8700, 61.1961, 18.5310



63.6440, 94.3385, 28.3762



98.4910, 49.5509, 67.0984



91.9230, 3.4890, 0.9445



35.6250, 62.7959, 18.7459



7.9910, 13.8084, 4.3929

Previews

White Background



This preview shows how the YUV color 164.1300, -61.1961, -18.5310 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 164.1300, -61.1961, -18.5310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

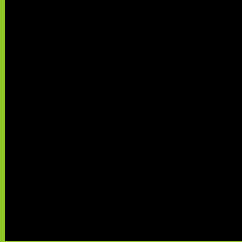
Any Text WCAG AA ✓ Pass

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 164.1300, -61.1961, -18.5310 Background



This preview shows how black text looks on a background with the YUV color 164.1300, -61.1961, -18.5310.



This preview shows how white text looks on a background with the YUV color 164.1300, -61.1961, -18.5310.

-18.5310.

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

164.1300, -61.1961, -18.5310

Protanopia

171.9340, -67.0155, 28.1219

Deuteranopia

175.1780, -60.2338, 46.3249



Tritanopia

179.5340, 10.0897, -16.2543

Trichromacy



Original Color

164.1300, -61.1961, -18.5310

Protanomaly

168.9920, -65.0721, 11.4080

Deuteranomaly

171.2090, -60.7420, 22.6187

Tritanomaly

173.7640, -15.6597, -17.3330

Monochromacy



Original Color

164.1300, -61.1961, -18.5310

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1090, -22.2387, -7.1116

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1300, -61.1961, -18.5310 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(143, 199, 40)` looks like.

```
.text, #text, p{  
    color:rgb(143, 199, 40)  
}
```

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(143, 199, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 199, 40) }
```

Border

The CSS property to change the border of an element to YUV 164.1300, -61.1961, -18.5310 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(143, 199, 40) }
```


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

```
.border{ border-color:rgb(143, 199, 40) }
```

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

Here you see how a box with a 4 pixel rgb(143, 199, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 199, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 199, 40);  
box-shadow:4px 4px 4px 4px rgb(143, 199,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 164.1300, -61.1961, -18.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 199, 40) }
```

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

```
.background{ background-color: rgb(143,  
199, 40) }
```

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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