

Converting Colors

YUV(166.3860, -62.8013,
-17.0015)

Have a look what the booklet for
YUV(166.3860, -62.8013, -17.0015)
contains.

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Color

**YUV(166.3860, -62.8013,
-17.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	93C927
RGB	147, 201, 39
RGB Percent	58%, 79%, 15%
CMY	0.4235, 0.2118, 0.8471
CMYK	0.27, 0.00, 0.81, 0.21
HSL	80°, 68%, 47%
HSV	80°, 81%, 79%
XYZ	33.2855, 48.1228, 9.4538
YIQ	166.3860, 19.8180, -61.8300

Conversions

Conversions Part 2

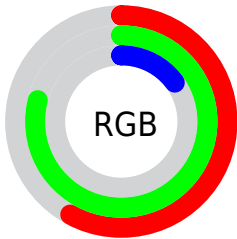
Format	Color
R_{YB}	39, 201, 93
Decimal	9685287
CIE _{Lab}	74.90, -39.39, 68.17
CIE _{LCh}	75, 78.728, 120.020
Yxy	48.1228, 0.3663, 0.5296
Android (android.graphics.Color)	4287875367 (0xFF93C927)
YUV	166.3860, -62.8013, -17.0015
Hunter-Lab	69.3706, -35.7505, 40.4794

Details

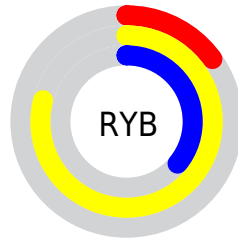
The YUV color **166.3860, -62.8013, -17.0015** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **73.6140, 62.8013, 17.0015**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.2660, -60.7701, -15.1423**, and **113.1990, -55.8071, -20.3455** is the 20% darker color. If you saturate the color by 10%, you get **162.0130, -70.5054, -19.3054**, and if you desaturate by 10%, it is **170.7590, -55.0972, -14.6976**.

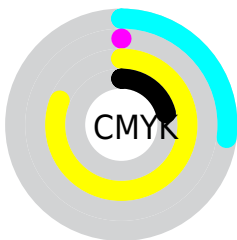
Distribution



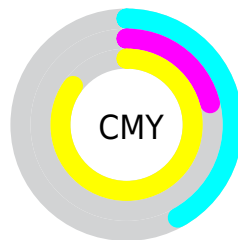
- Red (58%)
- Green (79%)
- Blue (15%)



- Red (15%)
- Yellow (79%)
- Blue (36%)



- Cyan (27%)
- Magenta (0%)
- Yellow (81%)
- Black (21%)



- Cyan (42%)
- Magenta (21%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3860, -62.8013, -17.0015 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 166.3860, -62.8013, -17.0015 by changing the saturation by 10% instead.

■ 166.3860,
-62.8013, -17.0015

■ 166.3860,
-62.8013, -17.0015

■ 255.0000, 0.0000,
0.0000

■ 137.1320,
-67.6061, -15.9018

■ 222.2660,
-60.7701, -15.1423

■ 113.1990,
-55.8071, -20.3455

■ 234.4280,
-52.9620, 0.5016

■ 89.5650, -44.1555,
-24.1745

■ 243.7140,
-43.2430, 9.8978

■ 65.0340, -32.0618,
-29.8478

■ 246.9060,
-31.0127, 7.0984

■ 41.6770, -20.5468,
-36.5507

■ 250.2120,
-18.3455, 4.1991

■ 28.1760, -13.8908,
-24.7104

■ 253.6320, -5.2416,

■ 15.2620, -7.5242,

1.1997

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 166.3860,
-62.8013, -17.0015

■ 166.3860,
-62.8013, -17.0015

■ 162.0130,
-70.5054, -19.3054

■ 170.7590,
-55.0972, -14.6976

■ 158.0530,
-77.9201, -21.0945

■ 174.8330,
-47.2457, -13.0085

■ 179.2060,
-39.5416, -10.7047

■ 183.5790,
-31.8374, -8.4008

■ 188.0660,
-23.6965, -6.1969

■ 192.1400,
-15.8450, -4.5078

■ 196.5130, -8.1409,
-2.2039

■ 200.8860, -0.4368,
0.1000

■ 204.9600, 7.4147,
1.7891

Harmonies

Analogous

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



171.7280, -84.6619, 41.4575



166.3860, -62.8013, -17.0015



137.3430, -14.4661, -120.4498

Triad

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



166.3860, -62.8013, -17.0015



152.3400, 50.6114, -133.6022



162.1330, 12.2594, 81.4444

Complementary

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



166.3860, -62.8013, -17.0015



73.6140, 62.8013, 17.0015

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.



182.2120, 35.8845, 63.8351



166.3860, -62.8013, -17.0015



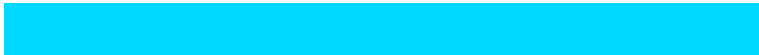
142.3610, 55.5310, -124.8506

Square

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



166.3860, -62.8013, -17.0015



156.4490, 48.5856, -137.2058



180.0440, 36.9533, 0.8384



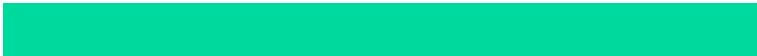
161.0830, -22.2259, 82.3652

Rectangle

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



166.3860, -62.8013, -17.0015



145.2770, 5.7794, -127.4079



180.0440, 36.9533, 0.8384



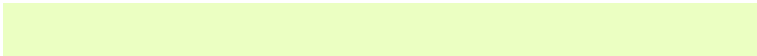
167.3310, 22.0218, 76.8857

Sweetspot

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



166.3860, -62.8013, -17.0015



242.0660, -23.6965, -6.1969



119.1360, -39.5070, 71.7947



119.8950, -14.2452, -4.2929



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.



166.3860, -62.8013, -17.0015



202.3240, -95.8017, -25.7171



142.1670, -50.8613, -66.7985



97.0770, -3.4890, -0.9445



128.2720, -63.2381, -16.9015



28.3080, -13.9558, -3.7781

Inverse Universe

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



73.6140, 62.8013, 17.0015



60.6760, 95.8017, 25.7171



97.8330, 50.8613, 66.7985



91.9230, 3.4890, 0.9445



34.7280, 63.2381, 16.9015



7.6920, 13.9558, 3.7781

Previews

White Background



This preview shows how the YUV color 166.3860, -62.8013, -17.0015 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 166.3860, -62.8013, -17.0015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

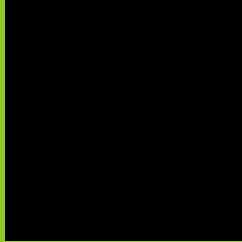
Any Text WCAG AA ✓ Pass

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 166.3860, -62.8013, -17.0015 Background



This preview shows how black text looks on a background with the YUV color 166.3860, -62.8013, -17.0015.



This preview shows how white text looks on a background with the YUV color 166.3860, -62.8013, -17.0015.

-17.0015.

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

166.3860, -62.8013, -17.0015

Protanopia

173.8910, -68.4733, 29.0366

Deuteranopia

176.9500, -61.1073, 46.5249



Tritanopia

182.1320, 9.7949, -15.0248

Trichromacy



Original Color

166.3860, -62.8013, -17.0015

Protanomaly

170.9490, -66.5299, 12.3227

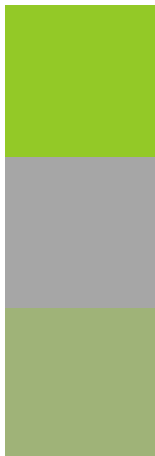
Deuteranomaly

173.2800, -61.7630, 23.4334

Tritanomaly

176.2480, -16.3913, -16.0035

Monochromacy



Original Color

166.3860, -62.8013, -17.0015

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.2940, -22.8229, -6.3968

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3860, -62.8013, -17.0015 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(147, 201, 39)` looks like.

```
.text, #text, p{  
    color:rgb(147, 201, 39)  
}
```

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(147, 201, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 201, 39) }
```

Border

The CSS property to change the border of an element to YUV 166.3860, -62.8013, -17.0015 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(147, 201, 39) }
```


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

```
.border{ border-color:rgb(147, 201, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 201, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 201, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 201, 39);  
box-shadow:4px 4px 4px 4px rgb(147, 201,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 166.3860, -62.8013, -17.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 201, 39) }
```

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

```
.background{ background-color: rgb(147,  
201, 39) }
```

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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