

Converting Colors

YUV(165.0980, -62.6593,
-15.8719)

Have a look what the booklet for
YUV(165.0980, -62.6593, -15.8719)
contains.

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Color

**YUV(165.0980, -62.6593,
-15.8719)**

Conversions

Conversions Part 1

Format	Color
Hex	93C726
RGB	147, 199, 38
RGB Percent	58%, 78%, 15%
CMY	0.4235, 0.2196, 0.8510
CMYK	0.26, 0.00, 0.81, 0.22
HSL	79°, 68%, 46%
HSV	79°, 81%, 78%
XYZ	32.8059, 47.1898, 9.2132
YIQ	165.0980, 20.6890, -61.0950

Conversions

Conversions Part 2

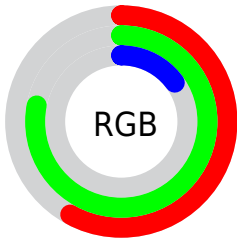
Format	Color
RYB	38, 199, 90
Decimal	9684774
CIELab	74.31, -38.54, 67.90
CIELCh	74, 78.080, 119.578
Yxy	47.1898, 0.3677, 0.5290
Android (android.graphics.Color)	4287874854 (0xFF93C726)
YUV	165.0980, -62.6593, -15.8719
Hunter-Lab	68.6949, -34.9716, 40.1345

Details

The YUV color **165.0980, -62.6593, -15.8719** 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 **71.9020, 62.6593, 15.8719**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1520, -61.2069, -15.0423**, and **112.3240, -55.3757, -18.7011** is the 20% darker color. If you saturate the color by 10%, you get **161.0240, -70.5108, -17.5610**, and if you desaturate by 10%, it is **169.1720, -54.8078, -14.1828**.

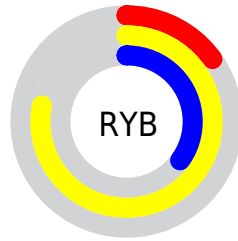
Distribution



Red (58%)

Green (78%)

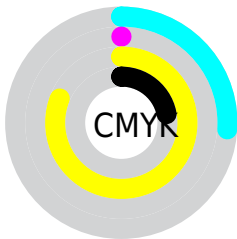
Blue (15%)



Red (15%)

Yellow (78%)

Blue (35%)

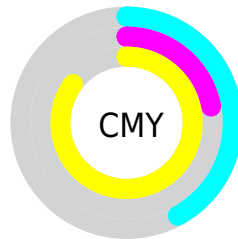


Cyan (26%)

Magenta (0%)

Yellow (81%)

Black (22%)



Cyan (42%)

Magenta (22%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.0980, -62.6593, -15.8719 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 165.0980, -62.6593, -15.8719 by changing the saturation by 10% instead.

■ 165.0980,
-62.6593, -15.8719

■ 165.0980,
-62.6593, -15.8719

■ 255.0000, 0.0000,
0.0000

■ 136.5450,
-67.3167, -15.3870

■ 222.1520,
-61.2069, -15.0423

■ 112.3240,
-55.3757, -18.7011

■ 234.0150,
-53.2514, -0.0132

■ 88.3910, -43.5768,
-23.1449

■ 243.6000,
-43.6798, 9.9978

■ 64.7460, -31.9198,
-28.7182

■ 246.7920,
-31.4495, 7.1984

■ 41.0900, -20.2574,
-36.0359

■ 250.0980,
-18.7823, 4.2991

■ 27.5890, -13.6014,
-24.1956

■ 253.4040, -6.1152,

■ 14.0880, -6.9454,

1.3997

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 165.0980,
-62.6593, -15.8719

■ 165.0980,
-62.6593, -15.8719

■ 161.0240,
-70.5108, -17.5610

■ 169.1720,
-54.8078, -14.1828

■ 157.1780,
-77.4888, -19.4501

■ 173.5450,
-47.1037, -11.8790

■ 177.6190,
-39.2522, -10.1899

■ 181.9920,
-31.5481, -7.8860

■ 186.0660,
-23.6965, -6.1969

■ 190.3250,
-16.4292, -3.7930

■ 194.3990, -8.5777,
-2.1039

■ 198.4730, -0.7262,
-0.4148

■ 202.8460, 6.9779,
1.8891

Harmonies

Analogous

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



170.2550, -83.9357, 41.8724



165.0980, -62.6593, -15.8719



135.9410, -14.7609, -119.2203

Triad

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



165.0980, -62.6593, -15.8719



151.1660, 51.1902, -132.5726



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.



165.0980, -62.6593, -15.8719



71.9020, 62.6593, 15.8719

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



165.0980, -62.6593, -15.8719



141.7740, 55.8204, -124.3358

Square

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



165.0980, -62.6593, -15.8719



154.9330, 47.8540, -135.8762



178.5600, 37.6849, -0.4911



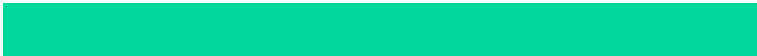
160.4960, -21.9365, 82.8800

Rectangle

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



165.0980, -62.6593, -15.8719



143.7610, 5.0478, -126.0784



178.5600, 37.6849, -0.4911



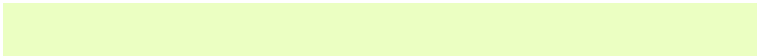
167.2170, 21.5850, 76.9857

Sweetspot

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



165.0980, -62.6593, -15.8719



242.0660, -23.6965, -6.1969



116.0760, -38.4915, 72.7243



120.1940, -14.3926, -3.6781



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.



165.0980, -62.6593, -15.8719



202.9220, -96.0965, -24.4876



141.4770, -51.0142, -64.4393



97.0770, -3.4890, -0.9445



128.5710, -63.3855, -16.2868



28.3080, -13.9558, -3.7781

Inverse Universe

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



71.9020, 62.6593, 15.8719



60.0780, 96.0965, 24.4876



95.5230, 51.0142, 64.4393



91.9230, 3.4890, 0.9445



34.4290, 63.3855, 16.2868



7.6920, 13.9558, 3.7781

Previews

White Background



This preview shows how the YUV color 165.0980, -62.6593, -15.8719 looks on a white background.

Color Contrast Check

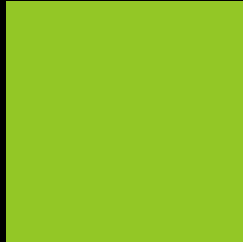
Large Text (above 18pt) WCAG AA × Fail

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 165.0980, -62.6593, -15.8719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

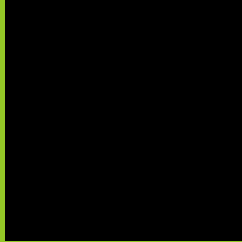
Any Text WCAG AA ✓ Pass

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 165.0980, -62.6593, -15.8719 Background



This preview shows how black text looks on a background with the YUV color 165.0980, -62.6593, -15.8719.



This preview shows how white text looks on a background with the YUV color 165.0980, -62.6593, -15.8719.

-15.8719.

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

165.0980, -62.6593, -15.8719

Protanopia

172.5920, -68.3259, 28.4218

Deuteranopia

175.6510, -60.9599, 45.9101



Tritanopia

180.7300, 9.5001, -13.7952

Trichromacy



Original Color

165.0980, -62.6593, -15.8719

Protanomaly

169.9490, -66.5299, 12.3227

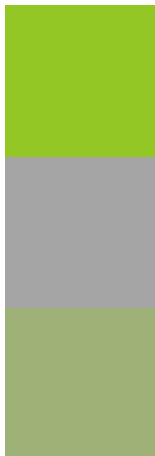
Deuteranomaly

171.6930, -61.4736, 23.9482

Tritanomaly

174.8460, -16.6861, -14.7739

Monochromacy



Original Color

165.0980, -62.6593, -15.8719

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.7070, -22.5336, -5.8820

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0980, -62.6593, -15.8719 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, 199, 38)` looks like.

```
.text, #text, p{  
    color:rgb(147, 199, 38)  
}
```

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, 199, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 199, 38) }
```

Border

The CSS property to change the border of an element to YUV 165.0980, -62.6593, -15.8719 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, 199, 38) }
```


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

```
.border{ border-color:rgb(147, 199, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 199, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 199, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 199, 38);  
box-shadow:4px 4px 4px 4px rgb(147, 199,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 165.0980, -62.6593, -15.8719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 199, 38) }
```

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

```
.background{ background-color: rgb(147,  
199, 38) }
```

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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