

Converting Colors

YUV(171.9740, -78.3742,
-62.2442)

Have a look what the booklet for
YUV(171.9740, -78.3742, -62.2442)
contains.

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Color

**YUV(171.9740, -78.3742,
-62.2442)**

Conversions

Conversions Part 1

Format	Color
Hex	65EF0D
RGB	101, 239, 13
RGB Percent	40%, 94%, 5%
CMY	0.6039, 0.0627, 0.9490
CMYK	0.58, 0.00, 0.95, 0.06
HSL	97°, 90%, 49%
HSV	97°, 95%, 94%
XYZ	36.3060, 64.5288, 10.9225
YIQ	171.9740, -9.7020, -99.5420

Conversions

Conversions Part 2

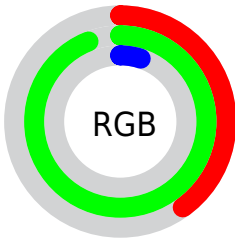
Format	Color
RYB	13, 239, 151
Decimal	6680333
CIELab	84.24, -69.28, 79.90
CIElCh	84, 105.756, 130.930
Yxy	64.5288, 0.3249, 0.5774
Android (android.graphics.Color)	4284870413 (0xFF65EF0D)
YUV	171.9740, -78.3742, -62.2442
Hunter-Lab	80.3298, -59.9020, 48.1691

Details

The YUV color **171.9740, -78.3742, -62.2442** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **80.0260, 78.3742, 62.2442**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6220, -57.4946, -39.1335**, and **106.8340, -52.6692, -93.6934** is the 20% darker color. If you saturate the color by 10%, you get **168.1000, -82.8733, -65.8627**, and if you desaturate by 10%, it is **179.1950, -70.1021, -55.4220**.

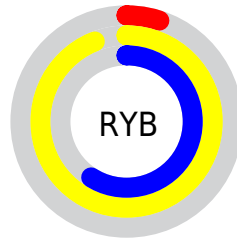
Distribution



Red (40%)

Green (94%)

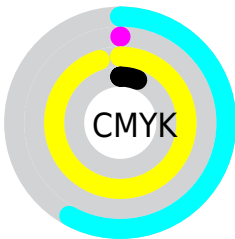
Blue (5%)



Red (5%)

Yellow (94%)

Blue (59%)

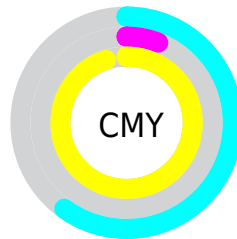


Cyan (58%)

Magenta (0%)

Yellow (95%)

Black (6%)



Cyan (60%)

Magenta (6%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.9740, -78.3742, -62.2442 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 171.9740, -78.3742, -62.2442 by changing the saturation by 10% instead.

171.9740,
-78.3742, -62.2442

171.9740,
-78.3742, -62.2442

255.0000, 0.0000,
0.0000

142.4060,
-70.2062, -68.7621

209.6220,
-57.4946, -39.1335

106.8340,
-52.6692, -93.6934

222.6100,
-49.1077, -22.4600

90.3980, -44.5662,
-79.2790

235.1850,
-41.0102, -6.3012

74.5490, -36.7527,
-65.3795

246.6780,
-31.8863, 7.2984

59.2870, -29.2285,
-51.9947

249.9840,
-19.2191, 4.3990

44.0250, -21.7043,
-38.6099

253.4040, -6.1152,

29.9370, -14.7589,

1.3997

-26.2547

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 171.9740,
-78.3742, -62.2442

■ 171.9740,
-78.3742, -62.2442

■ 168.1000,
-82.8733, -65.8627

■ 179.1950,
-70.1021, -55.4220

■ 186.1170,
-61.6827, -49.2146

■ 193.3380,
-53.4106, -42.3924

■ 200.2600,
-44.9912, -36.1850

■ 207.4810,
-36.7191, -29.3628

■ 214.5880,
-28.8839, -22.4407

■ 221.5100,
-20.4644, -16.2333

■ 228.7310,
-12.1924, -9.4111

■ 235.6530, -3.7729,
-3.2037

Harmonies

Analogous

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



192.8600, -95.0800, 22.9248



171.9740, -78.3742, -62.2442



162.7100, -11.1960, -142.6967

Triad

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



171.9740, -78.3742, -62.2442



169.3630, 42.2190, -148.5314



148.1930, 14.6949, 93.6697

Complementary

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



171.9740, -78.3742, -62.2442



80.0260, 78.3742, 62.2442

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.



168.7110, 42.5405, 75.6755



171.9740, -78.3742, -62.2442



152.9270, 50.3220, -134.1170

Square

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



171.9740, -78.3742, -62.2442



176.4070, 38.7463, -154.7089



201.5830, 26.3346, 46.8467



162.4900, -39.6816, 81.1313

Rectangle

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



171.9740, -78.3742, -62.2442



172.5650, 18.9485, -151.3395



201.5830, 26.3346, 46.8467



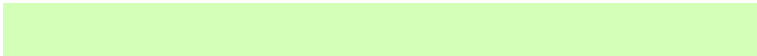
150.8950, 30.1248, 91.3001

Sweetspot

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



171.9740, -78.3742, -62.2442



233.7500, -24.5267, -19.9518



160.4060, -72.6712, 68.9269



114.9110, -15.2391, -12.1999



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.



171.9740, -78.3742, -62.2442



179.2860, -88.3880, -70.4108



148.2840, -55.3560, -118.6441



116.5390, -4.2097, -3.1037



129.2370, -63.7138, -51.0738



39.4500, -19.4489, -15.3037

Inverse Universe

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



80.0260, 78.3742, 62.2442



75.7140, 88.3880, 70.4108



103.7160, 55.3560, 118.6441



111.4610, 4.2097, 3.1037



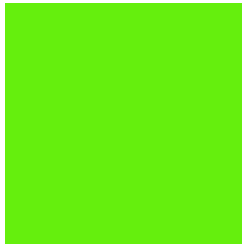
54.4640, 63.8612, 50.4591



16.5500, 19.4489, 15.3036

Previews

White Background



This preview shows how the YUV color 171.9740, -78.3742, -62.2442 looks on a white background.

Color Contrast Check

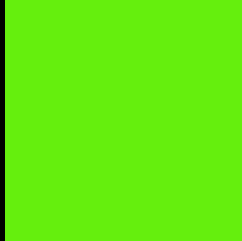
Large Text (above 18pt) WCAG AA × Fail

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 171.9740, -78.3742, -62.2442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

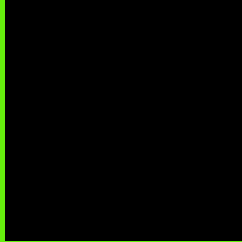
Any Text WCAG AA ✓ Pass

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 171.9740, -78.3742, -62.2442 Background



This preview shows how black text looks on a background with the YUV color 171.9740, -78.3742, -62.2442.



This preview shows how white text looks on a background with the YUV color 171.9740, -78.3742, -62.2442.

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

171.9740, -78.3742, -62.2442

Protanopia

192.9480, -95.1234, 36.8796

Deuteranopia

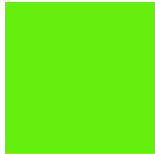
204.1160, -52.8082, 44.6253



Tritanopia

198.9360, 20.2446, -53.4409

Trichromacy



Original Color

171.9740, -78.3742, -62.2442



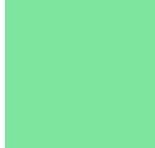
Protanomaly

185.3240, -88.8997, 0.5929



Deuteranomaly

192.6430, -62.4350, 5.5751



Tritanomaly

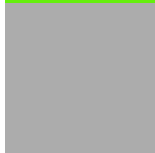
189.1090, -15.8297, -56.2236

Monochromacy



Original Color

171.9740, -78.3742, -62.2442



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.7020, -28.4471, -22.5407

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9740, -78.3742, -62.2442 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(101, 239, 13)` looks like.

```
.text, #text, p{  
    color:rgb(101, 239, 13)  
}
```

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(101, 239, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 239, 13) }
```

Border

The CSS property to change the border of an element to YUV 171.9740, -78.3742, -62.2442 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(101, 239, 13) }
```


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

```
.border{ border-color:rgb(101, 239, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 239, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 239, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 239, 13);  
box-shadow:4px 4px 4px 4px rgb(101, 239,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 171.9740, -78.3742, -62.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 239, 13) }
```

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

```
.background{ background-color: rgb(101,  
239, 13) }
```

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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