

Converting Colors

YUV(150.8000, -67.4424,
-21.7496)

Have a look what the booklet for
YUV(150.8000, -67.4424, -21.7496)
contains.

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Color

**YUV(150.8000, -67.4424,
-21.7496)**

Conversions

Conversions Part 1

Format	Color
Hex	7EBE0E
RGB	126, 190, 14
RGB Percent	49%, 75%, 5%
CMY	0.5059, 0.2549, 0.9451
CMYK	0.34, 0.00, 0.93, 0.25
HSL	82°, 86%, 40%
HSV	82°, 93%, 75%
XYZ	27.0969, 41.2942, 6.9579
YIQ	150.8000, 18.3520, -68.3040

Conversions

Conversions Part 2

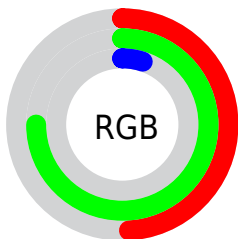
Format	Color
RYB	14, 190, 78
Decimal	8306190
CIELab	70.38, -43.26, 68.97
CIELCh	70, 81.417, 122.094
Yxy	41.2942, 0.3596, 0.5480
Android (android.graphics.Color)	4286496270 (0xFF7EBE0E)
YUV	150.8000, -67.4424, -21.7496
Hunter-Lab	64.2606, -37.1875, 38.5627

Details

The YUV color **150.8000, -67.4424, -21.7496** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **53.2000, 67.4424, 21.7496**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5810, -61.9114, -22.4345**, and **100.1640, -49.3809, -28.2078** is the 20% darker color. If you saturate the color by 10%, you get **147.7090, -72.8205, -23.4238**, and if you desaturate by 10%, it is **155.0590, -60.1751, -19.3457**.

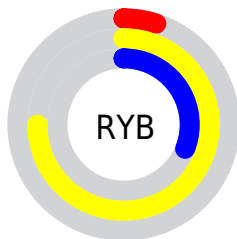
Distribution



Red (49%)

Green (75%)

Blue (5%)



Red (5%)

Yellow (75%)

Blue (31%)

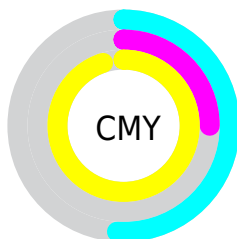


Cyan (34%)

Magenta (0%)

Yellow (93%)

Black (25%)



Cyan (51%)

Magenta (25%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.8000, -67.4424, -21.7496 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 150.8000, -67.4424, -21.7496 by changing the saturation by 10% instead.

■ 150.8000,
-67.4424, -21.7496

■ 150.8000,
-67.4424, -21.7496

■ 255.0000, 0.0000,
0.0000

■ 124.6840,
-61.4692, -24.2789

■ 209.5810,
-61.9114, -22.4345

■ 100.1640,
-49.3809, -28.2078

■ 226.1400,
-56.2710, -11.5238

■ 75.9320, -37.4345,
-33.2664

■ 238.4160,
-48.0261, 4.0202

■ 49.8950, -24.5982,
-43.7579

■ 245.1960,
-37.5646, 8.5981

■ 35.8070, -17.6529,
-31.4027

■ 248.5020,
-24.8975, 5.6987

■ 24.0670, -11.8650,
-21.1068

■ 251.8080,

■ 1.7610, -0.8682,

-12.2303, 2.7994

-1.5444

■ 0.0000, 0.0000,
0.0000

■ 150.8000,
-67.4424, -21.7496

■ 150.8000,
-67.4424, -21.7496

■ 147.7090,
-72.8205, -23.4238

■ 155.0590,
-60.1751, -19.3457

■ 159.3180,
-52.9078, -16.9419

■ 163.5770,
-45.6405, -14.5380

■ 167.8360,
-38.3731, -12.1342

■ 172.0950,
-31.1058, -9.7303

■ 176.0550,
-23.6911, -7.9412

■ 180.3140,
-16.4238, -5.5374

■ 184.5730, -9.1565,
-3.1335

■ 188.8320, -1.8892,
-0.7297

Harmonies

Analogous

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



160.4760, -79.1147, 35.5395



150.8000, -67.4424, -21.7496



129.1590, -15.3614, -113.2724

Triad

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



150.8000, -67.4424, -21.7496



144.7090, 54.3735, -126.9098



149.0420, 10.3323, 92.9252

Complementary

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



150.8000, -67.4424, -21.7496



53.2000, 67.4424, 21.7496

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.



170.2780, 35.8519, 74.3012



150.8000, -67.4424, -21.7496



134.7300, 59.2931, -118.1582

Square

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



150.8000, -67.4424, -21.7496



148.7210, 49.4375, -130.4283



169.7440, 42.0312, 5.4865



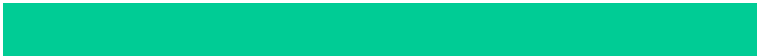
150.2260, -25.7474, 91.8868

Rectangle

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



150.8000, -67.4424, -21.7496



136.7340, 6.0471, -119.9157



169.7440, 42.0312, 5.4865



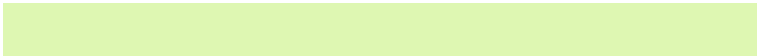
153.6530, 20.3841, 88.8813

Sweetspot

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



150.8000, -67.4424, -21.7496



231.6590, -26.4539, -8.4709



103.0180, -43.8859, 76.2832



115.6130, -16.5712, -4.9226



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150.8000, -67.4424, -21.7496



191.9320, -94.6225, -30.6354



125.0860, -54.7654, -74.6204



92.0770, -3.4890, -0.9445



122.9450, -60.6119, -19.2458



23.8780, -11.7719, -4.2780

Inverse Universe

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



53.2000, 67.4424, 21.7496



55.0680, 94.6225, 30.6354



78.9140, 54.7654, 74.6204



86.9230, 3.4890, 0.9445



35.0550, 60.6119, 19.2458



6.8230, 11.9193, 3.6632

Previews

White Background



This preview shows how the YUV color 150.8000, -67.4424, -21.7496 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 150.8000, -67.4424, -21.7496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

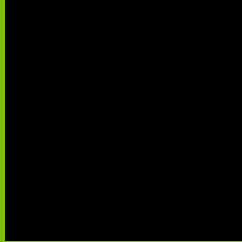
Any Text WCAG AA ✓ Pass

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 150.8000, -67.4424, -21.7496 Background



This preview shows how black text looks on a background with the YUV color 150.8000, -67.4424, -21.7496.



This preview shows how white text looks on a background with the YUV color 150.8000, -67.4424, -21.7496.

-21.7496.

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

150.8000, -67.4424, -21.7496

Protanopia

158.6710, -78.2248, 30.1065

Deuteranopia

164.7110, -61.9755, 44.9805



Tritanopia

169.0280, 10.8322, -21.0726

Trichromacy



Original Color

150.8000, -67.4424, -21.7496

Protanomaly

156.1740, -74.5288, 11.2484

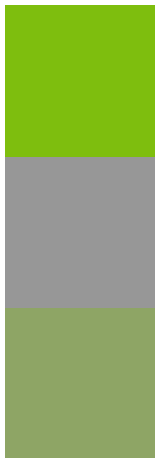
Deuteranomaly

159.6880, -63.9362, 20.4446

Tritanomaly

162.5740, -17.5380, -21.5514

Monochromacy



Original Color

150.8000, -67.4424, -21.7496

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.8270, -24.5647, -7.7413

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.8000, -67.4424, -21.7496 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(126, 190, 14)` looks like.

```
.text, #text, p{  
    color:rgb(126, 190, 14)  
}
```

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(126, 190, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 190, 14) }
```

Border

The CSS property to change the border of an element to YUV 150.8000, -67.4424, -21.7496 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(126, 190, 14) }
```


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

```
.border{ border-color:rgb(126, 190, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 190, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 190, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 190, 14);  
box-shadow:4px 4px 4px 4px rgb(126, 190,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 150.8000, -67.4424, -21.7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 190, 14) }
```

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

```
.background{ background-color: rgb(126,  
190, 14) }
```

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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