

Converting Colors

YUV(235.3300, -67.7037,
15.4966)

Have a look what the booklet for
YUV(235.3300, -67.7037, 15.4966)
contains.

YUV(235.3300, -67.7037, 15.4966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(235.3300, -67.7037,
15.4966)**

Conversions

Conversions Part 1

Format	Color
Hex	FD62
RGB	253, 253, 98
RGB Percent	99%, 99%, 38%
CMY	0.0078, 0.0078, 0.6157
CMYK	0.00, 0.00, 0.61, 0.01
HSL	60°, 97%, 69%
HSV	60°, 61%, 99%
XYZ	77.8379, 92.0150, 25.2135
YIQ	235.3300, 49.7550, -48.2050

Conversions

Conversions Part 2

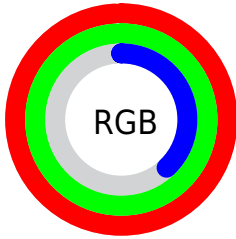
Format	Color
RYB	98, 253, 98
Decimal	16645474
CIELab	96.83, -18.53, 71.71
CIELCh	97, 74.067, 104.486
Yxy	92.0150, 0.3990, 0.4717
Android (android.graphics.Color)	4294835554 (0xFFFD62)
YUV	235.3300, -67.7037, 15.4966
Hunter-Lab	95.9245, -23.0240, 51.5629

Details

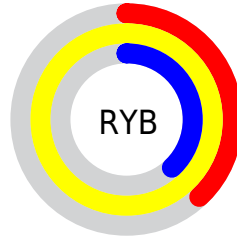
The YUV color $235.3300, -67.7037, 15.4966$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $115.6700, 67.7037, -15.4966$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.6000, -43.6798, 9.9978$, and $177.5640, -69.2981, 13.5374$ is the 20% darker color. If you saturate the color by 10%, you get $232.4800, -78.6236, 17.9960$, and if you desaturate by 10%, it is $238.1800, -56.7837, 12.9971$.

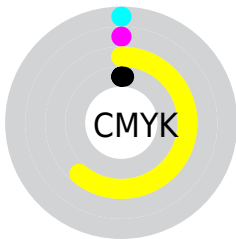
Distribution



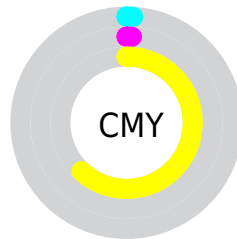
- Red (99%)
- Green (99%)
- Blue (38%)



- Red (38%)
- Yellow (99%)
- Blue (38%)



- Cyan (0%)
- Magenta (0%)
- Yellow (61%)
- Black (1%)



- Cyan (1%)
- Magenta (1%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.3300, -67.7037, 15.4966 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 235.3300, -67.7037, 15.4966 by changing the saturation by 10% instead.

235.3300,
-67.7037, 15.4966

235.3300,
-67.7037, 15.4966

255.0000, 0.0000,
0.0000

206.0310,
-67.5563, 14.8818

243.6000,
-43.6798, 9.9978

177.5640,
-69.2981, 13.5374

246.7920,
-31.4495, 7.1984

148.2390,
-73.0818, 13.8224

250.0980,
-18.7823, 4.2991

124.3060,
-61.2829, 9.3786

253.5180, -5.6784,
1.2997

101.2590,
-49.9207, 5.0349

78.5110, -38.7059,
1.3059

56.9370, -28.0699,

-3.4527

■ 35.6620, -17.5814,
-7.5966

■ 16.4360, -8.1029,
-14.4144

■ 235.3300,
-67.7037, 15.4966

■ 235.3300,
-67.7037, 15.4966

■ 232.4800,
-78.6236, 17.9960

■ 238.1800,
-56.7837, 12.9971

■ 229.5160,
-89.9804, 20.5955

■ 241.1440,
-45.4270, 10.3977

■ 226.6660,
-100.9003, 23.0949

■ 243.9940,
-34.5070, 7.8983

■ 224.1580,
-110.5099, 25.2944

■ 246.8440,
-23.5871, 5.3988

249.8080,
-12.2303, 2.7994

252.6580, -1.3104,
0.2999

253.2280, 0.8736,
-0.2000

Harmonies

Analogous

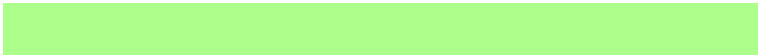
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.4100, -58.8691, 28.5814



235.3300, -67.7037, 15.4966



216.9590, -38.4338, -39.4290

Triad

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



235.3300, -67.7037, 15.4966



178.7550, 37.5888, -156.7681



215.6710, 19.3892, 34.4915

Complementary

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



235.3300, -67.7037, 15.4966



115.6700, 67.7037, -15.4966

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.



230.3460, 12.1544, 21.6216



235.3300, -67.7037, 15.4966



178.7550, 37.5888, -156.7681

Square

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



235.3300, -67.7037, 15.4966



178.7550, 37.5888, -156.7681



225.8410, 14.3754, -37.5716



208.6490, 2.6380, 40.6498

Rectangle

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



235.3300, -67.7037, 15.4966



198.4250, -8.5905, -91.5807



225.8410, 14.3754, -37.5716



219.7800, 17.3635, 30.8879

Sweetspot

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



235.3300, -67.7037, 15.4966



249.7560, -20.0927, 4.5990



144.3450, -22.8481, 95.2904



124.6940, -12.6671, 2.8994



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.



235.3300, -67.7037, 15.4966



233.4540, -82.5548, 18.8958



212.3070, -56.3534, -31.8412



126.5180, -5.6784, 1.2997



169.2260, -83.4284, 19.0958



56.7040, -27.9551, 6.3986

Inverse Universe

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



115.6700, 67.7037, -15.4966



87.5460, 82.5548, -18.8958



138.9920, 56.2059, 32.4560



116.4820, 5.6784, -1.2997



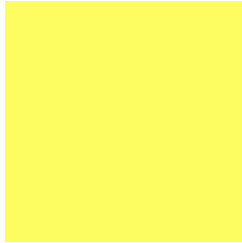
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 235.3300, -67.7037, 15.4966 looks on a white background.

Color Contrast Check

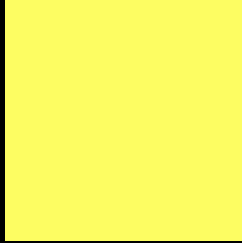
Large Text (above 18pt) WCAG AA × Fail

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 235.3300, -67.7037, 15.4966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

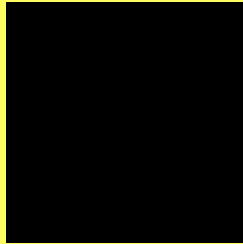
Any Text WCAG AA ✓ Pass

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 235.3300, -67.7037, 15.4966 Background



This preview shows how black text looks on a background with the YUV color 235.3300, -67.7037, 15.4966.



This preview shows how white text looks on a background with the YUV color 235.3300, -67.7037, 15.4966.

Color Blindness Simulation

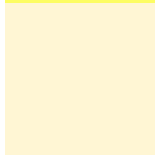
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



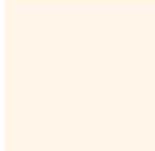
Original Color

235.3300, -67.7037, 15.4966



Protanopia

244.8150, -16.1778, 8.9322



Deuteranopia

245.9210, -6.8631, 7.9623



Tritanopia

246.7990, 1.5781, 7.1923

Trichromacy



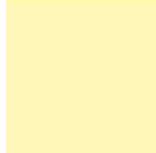
Original Color

235.3300, -67.7037, 15.4966



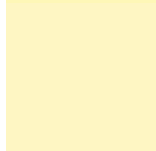
Protanomaly

241.6030, -34.8073, 10.8722



Deuteranomaly

241.7970, -28.9869, 10.7020



Tritanomaly

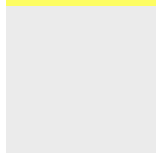
242.5780, -23.4560, 10.0171

Monochromacy



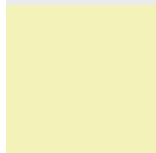
Original Color

235.3300, -67.7037, 15.4966



Achromatopsia

235.0000, 0.0000, 0.0000



Achromatomaly

235.5020, -24.8975, 5.6987

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.3300, -67.7037, 15.4966 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(253, 253, 98)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 98)  
}
```

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(253, 253, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 98) }
```

Border

The CSS property to change the border of an element to YUV 235.3300, -67.7037, 15.4966 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(253, 253, 98) }
```


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

```
.border{ border-color:rgb(253, 253, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 253, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 98);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 235.3300, -67.7037, 15.4966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 253, 98) }
```

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

```
.background{ background-color: rgb(253,  
253, 98) }
```

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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