

Converting Colors

YUV(235.0140, -65.0829,
14.8967)

Have a look what the booklet for
YUV(235.0140, -65.0829, 14.8967)
contains.

YUV(235.0140, -65.0829, 14.8967)	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(235.0140, -65.0829,
14.8967)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFC67
RGB	252, 252, 103
RGB Percent	99%, 99%, 40%
CMY	0.0118, 0.0118, 0.5961
CMYK	0.00, 0.00, 0.59, 0.01
HSL	60°, 96%, 70%
HSV	60°, 59%, 99%
XYZ	77.4035, 91.2955, 26.3742
YIQ	235.0140, 47.8290, -46.3390

Conversions

Conversions Part 2

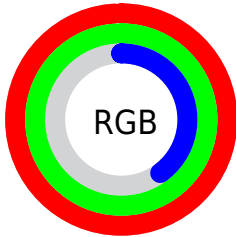
Format	Color
RYB	103, 252, 103
Decimal	16579687
CIELab	96.53, -18.13, 69.35
CIELCh	97, 71.678, 104.650
Yxy	91.2955, 0.3968, 0.4680
Android (android.graphics.Color)	4294769767 (0xFFFFCFC67)
YUV	235.0140, -65.0829, 14.8967
Hunter-Lab	95.5487, -22.6083, 50.5184

Details

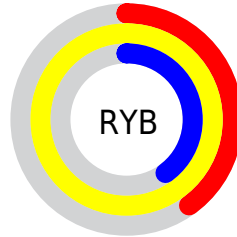
The YUV color **235.0140, -65.0829, 14.8967** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **119.9860, 65.0829, -14.8967**, and the grayscale version is **236.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.0560, -41.9326, 9.5979**, and **177.4760, -65.8037, 12.7375** is the 20% darker color. If you saturate the color by 10%, you get **232.1640, -76.0029, 17.3962**, and if you desaturate by 10%, it is **237.8640, -54.1630, 12.3973**.

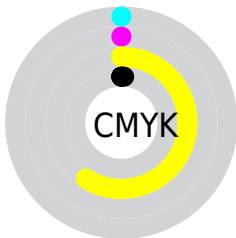
Distribution



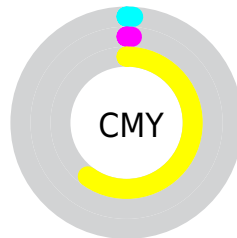
- Red (99%)
- Green (99%)
- Blue (40%)



- Red (40%)
- Yellow (99%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (59%)
- Black (1%)



- Cyan (1%)
- Magenta (1%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.0140, -65.0829, 14.8967 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 235.0140, -65.0829, 14.8967 by changing the saturation by 10% instead.

235.0140,
-65.0829, 14.8967

235.0140,
-65.0829, 14.8967

255.0000, 0.0000,
0.0000

205.8290,
-64.4987, 14.1820

244.0560,
-41.9326, 9.5979

177.4760,
-65.8037, 12.7375

247.3620,
-29.2655, 6.6985

147.9400,
-72.9344, 13.2076

250.6680,
-16.5983, 3.7992

123.7190,
-60.9935, 9.8934

253.9740, -3.9312,
0.8998

100.6720,
-49.6313, 5.5497

77.9240, -38.4165,
1.8207

56.3500, -27.7806,

-2.9380

■ 35.6620, -17.5814,
-7.5966

■ 15.8490, -7.8136,
-13.8996

■ 235.0140,
-65.0829, 14.8967

■ 235.0140,
-65.0829, 14.8967

■ 232.1640,
-76.0029, 17.3962

■ 237.8640,
-54.1630, 12.3973

■ 229.3140,
-86.9228, 19.8956

■ 240.7140,
-43.2430, 9.8978

■ 226.3500,
-98.2796, 22.4951

■ 243.6780,
-31.8863, 7.2984

■ 223.5000,
-109.1995, 24.9945

■ 246.5280,
-20.9663, 4.7989

■ 223.2720,
-110.0731, 25.1945

■ 249.3780,
-10.0464, 2.2995

■ 252.2280, 0.8736,
-0.2000

■ 252.3420, 1.3104,
-0.2999

Harmonies

Analogous

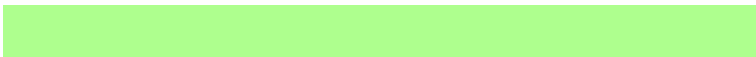
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.8660, -57.1219, 28.1815



235.0140, -65.0829, 14.8967



217.8990, -37.4182, -38.4994

Triad

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



235.0140, -65.0829, 14.8967



178.7550, 37.5888, -156.7681



216.8450, 18.8104, 33.4619

Complementary

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



235.0140, -65.0829, 14.8967



119.9860, 65.0829, -14.8967

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



235.0140, -65.0829, 14.8967



178.7550, 37.5888, -156.7681

Square

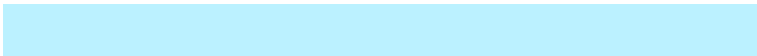
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.0140, -65.0829, 14.8967



178.7550, 37.5888, -156.7681



226.4500, 14.0752, -34.5976



209.1220, 1.9119, 40.2350

Rectangle

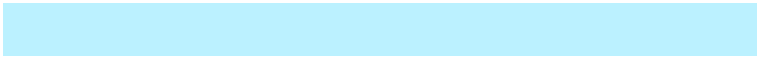
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.0140, -65.0829, 14.8967



200.7460, -8.7488, -87.4772



226.4500, 14.0752, -34.5976



220.3670, 17.0741, 30.3731

Sweetspot

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



235.0140, -65.0829, 14.8967



249.7560, -20.0927, 4.5990



147.5510, -21.9636, 91.6018



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.



235.0140, -65.0829, 14.8967



234.3660, -79.0604, 18.0960



212.8880, -54.1748, -30.5968



123.5180, -5.6784, 1.2997



167.4540, -82.5548, 18.8958



54.0460, -26.6447, 6.0987

Inverse Universe

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



119.9860, 65.0829, -14.8967



94.6340, 79.0604, -18.0960



142.4110, 54.0274, 31.2116



113.4820, 5.6784, -1.2997



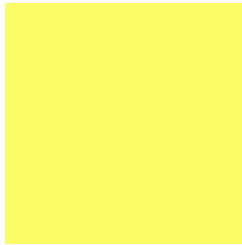
21.5460, 82.5548, -18.8958



6.9540, 26.6447, -6.0987

Previews

White Background



This preview shows how the YUV color 235.0140, -65.0829, 14.8967 looks on a white background.

Color Contrast Check

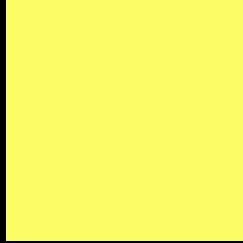
Large Text (above 18pt) WCAG AA × Fail

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 235.0140, -65.0829, 14.8967 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 235.0140, -65.0829, 14.8967

Background



This preview shows how black text looks on a background with the YUV color 235.0140, -65.0829, 14.8967.

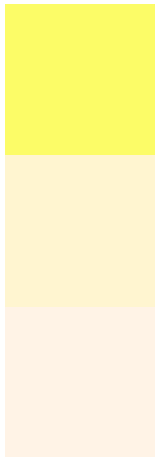


This preview shows how white text looks on a background with the YUV color 235.0140, -65.0829, 14.8967.

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

235.0140, -65.0829, 14.8967

Protanopia

243.7720, -17.6356, 9.8470

Deuteranopia

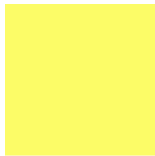
245.1060, -7.4473, 8.6770



Tritanopia

246.0980, 1.4307, 7.8071

Trichromacy



Original Color

235.0140, -65.0829, 14.8967



Protanomaly

240.9020, -34.9547, 11.4869



Deuteranomaly

241.3240, -28.2607, 11.1169



Tritanomaly

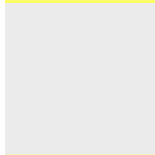
242.1050, -22.7298, 10.4319

Monochromacy



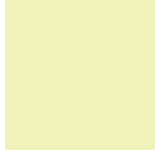
Original Color

235.0140, -65.0829, 14.8967



Achromatopsia

235.0000, 0.0000, 0.0000



Achromatomaly

234.8440, -23.5871, 5.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.0140, -65.0829, 14.8967 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(252, 252, 103)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 103)  
}
```

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(252, 252, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 103) }
```

Border

The CSS property to change the border of an element to YUV 235.0140, -65.0829, 14.8967 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(252, 252, 103) }
```


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

```
.border{ border-color:rgb(252, 252, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 252, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 103);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 235.0140, -65.0829, 14.8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 103) }
```

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

```
.background{ background-color: rgb(252,  
252, 103) }
```

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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