

Converting Colors

YUV(236.0140, -65.0829,
14.8967)

Have a look what the booklet for
YUV(236.0140, -65.0829, 14.8967)
contains.

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Color

**YUV(236.0140, -65.0829,
14.8967)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD68
RGB	253, 253, 104
RGB Percent	99%, 99%, 41%
CMY	0.0078, 0.0078, 0.5922
CMYK	0.00, 0.00, 0.59, 0.01
HSL	60°, 97%, 70%
HSV	60°, 59%, 99%
XYZ	78.1320, 92.1327, 26.7621
YIQ	236.0140, 47.8290, -46.3390

Conversions

Conversions Part 2

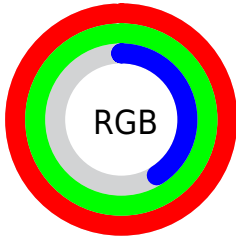
Format	Color
RYB	104, 253, 104
Decimal	16645480
CIELab	96.87, -18.15, 69.33
CIELCh	97, 71.666, 104.667
Yxy	92.1327, 0.3966, 0.4676
Android (android.graphics.Color)	4294835560 (0xFFFD68)
YUV	236.0140, -65.0829, 14.8967
Hunter-Lab	95.9858, -22.6769, 50.6592

Details

The YUV color $236.0140, -65.0829, 14.8967$ is a light color, and the websafe version is hex $FFFF66$. A complement of this color would be $120.9860, 65.0829, -14.8967$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.1700, -41.4958, 9.4979$, and $178.4760, -65.8037, 12.7375$ is the 20% darker color. If you saturate the color by 10%, you get $233.1640, -76.0029, 17.3962$, and if you desaturate by 10%, it is $238.8640, -54.1630, 12.3973$.

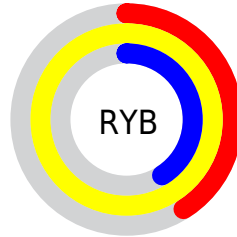
Distribution



Red (99%)

Green (99%)

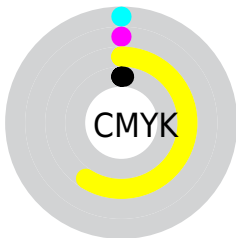
Blue (41%)



Red (41%)

Yellow (99%)

Blue (41%)

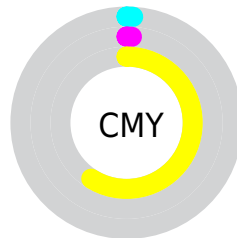


Cyan (0%)

Magenta (0%)

Yellow (59%)

Black (1%)



Cyan (1%)

Magenta (1%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.0140, -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 236.0140, -65.0829, 14.8967 by changing the saturation by 10% instead.

236.0140,
-65.0829, 14.8967

236.0140,
-65.0829, 14.8967

255.0000, 0.0000,
0.0000

206.8290,
-64.4987, 14.1820

244.1700,
-41.4958, 9.4979

178.4760,
-65.8037, 12.7375

247.4760,
-28.8287, 6.5985

148.2390,
-73.0818, 13.8224

250.7820,
-16.1615, 3.6992

124.6050,
-61.4303, 9.9934

254.0880, -3.4944,
0.7998

101.5580,
-50.0681, 5.6496

78.8100, -38.8533,
1.9206

57.2360, -28.2173,

-2.8380

■ 35.9610, -17.7288,
-6.9818

■ 16.4360, -8.1029,
-14.4144

■ 236.0140,
-65.0829, 14.8967

■ 236.0140,
-65.0829, 14.8967

■ 233.1640,
-76.0029, 17.3962

■ 238.8640,
-54.1630, 12.3973

■ 230.2000,
-87.3596, 19.9956

■ 241.8280,
-42.8062, 9.7978

■ 227.3500,
-98.2796, 22.4951

■ 244.6780,
-31.8863, 7.2984

■ 224.5000,
-109.1995, 24.9945

■ 247.5280,
-20.9663, 4.7989

■ 224.1580,
-110.5099, 25.2944

■ 250.4920, -9.6096,
2.1995

■ 253.2280, 0.8736,
-0.2000

Harmonies

Analogous

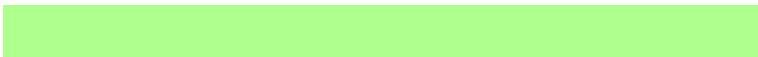
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.5670, -56.9745, 27.5667



236.0140, -65.0829, 14.8967



218.3120, -37.1288, -37.9846

Triad

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



236.0140, -65.0829, 14.8967



178.7550, 37.5888, -156.7681



217.4320, 18.5210, 32.9471

Complementary

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



236.0140, -65.0829, 14.8967



120.9860, 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.



230.9330, 11.8650, 21.1068



236.0140, -65.0829, 14.8967



178.7550, 37.5888, -156.7681

Square

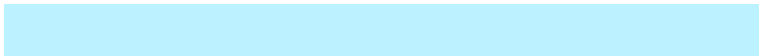
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.0140, -65.0829, 14.8967



178.7550, 37.5888, -156.7681



227.3360, 13.6384, -34.4977



209.8230, 2.0593, 39.6202

Rectangle

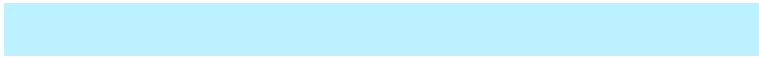
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.0140, -65.0829, 14.8967



201.1590, -8.4594, -86.9624



227.3360, 13.6384, -34.4977



220.9540, 16.7847, 29.8583

Sweetspot

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



236.0140, -65.0829, 14.8967



249.7560, -20.0927, 4.5990



148.5510, -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.



236.0140, -65.0829, 14.8967



234.3660, -79.0604, 18.0960



213.8880, -54.1748, -30.5968



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.



120.9860, 65.0829, -14.8967



94.6340, 79.0604, -18.0960



143.4110, 54.0274, 31.2116



116.4820, 5.6784, -1.2997



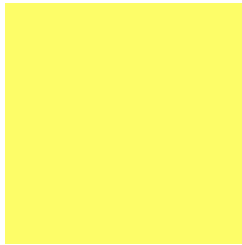
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 236.0140, -65.0829, 14.8967 looks on a white background.

Color Contrast Check

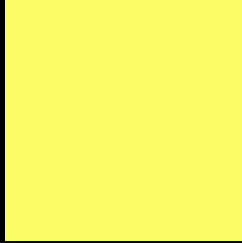
Large Text (above 18pt) WCAG AA × Fail

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 236.0140, -65.0829, 14.8967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

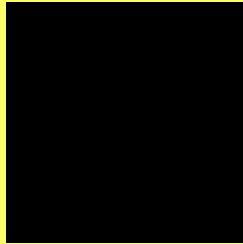
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.0140, -65.0829, 14.8967

Background



This preview shows how black text looks on a background with the YUV color 236.0140, -65.0829, 14.8967.



This preview shows how white text looks on a background with the YUV color 236.0140, -65.0829,

Color Blindness Simulation

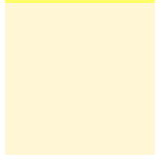
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



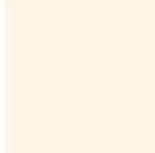
Original Color

236.0140, -65.0829, 14.8967



Protanopia

244.9290, -15.7410, 8.8323



Deuteranopia

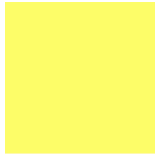
245.9210, -6.8631, 7.9623



Tritanopia

246.7990, 1.5781, 7.1923

Trichromacy



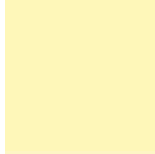
Original Color

236.0140, -65.0829, 14.8967



Protanomaly

241.8310, -33.9337, 10.6722



Deuteranomaly

242.0250, -28.1133, 10.5021



Tritanomaly

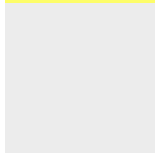
242.8060, -22.5824, 9.8171

Monochromacy



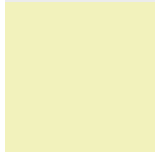
Original Color

236.0140, -65.0829, 14.8967



Achromatopsia

236.0000, 0.0000, 0.0000



Achromatomaly

235.8440, -23.5871, 5.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.0140, -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(253, 253, 104)` looks like.

```
.text, #text, p{  
    color:rgb(253, 253, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 253, 104) }
```

Border

The CSS property to change the border of an element to YUV 236.0140, -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(253, 253, 104) }
```


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

```
.border{ border-color:rgb(253, 253, 104) }
```

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, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 253, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 253, 104);  
box-shadow:4px 4px 4px 4px rgb(253, 253,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 236.0140, -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(253, 253, 104) }
```

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

```
.background{ background-color: rgb(253,  
253, 104) }
```

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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