

Converting Colors

YUV(236.0140, -11.3459,
-0.8893)

Have a look what the booklet for
YUV(236.0140, -11.3459, -0.8893)
contains.

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Color

**YUV(236.0140, -11.3459,
-0.8893)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF1D5
RGB	235, 241, 213
RGB Percent	92%, 95%, 84%
CMY	0.0784, 0.0549, 0.1647
CMYK	0.02, 0.00, 0.12, 0.05
HSL	73°, 50%, 89%
HSV	73°, 12%, 95%
XYZ	77.7265, 85.3769, 75.3335
YIQ	236.0140, 5.4120, -9.9800

Conversions

Conversions Part 2

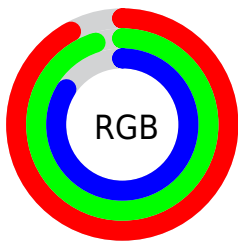
Format	Color
R _Y B	213, 241, 219
Decimal	15462869
CIE Lab	94.05, -6.76, 12.84
CIE LCh	94, 14.514, 117.772
Yxy	85.3769, 0.3260, 0.3581
Android (android.graphics.Color)	4293652949 (0xFFEBF1D5)
YUV	236.0140, -11.3459, -0.8893
Hunter-Lab	92.3996, -11.5452, 16.3405

Details

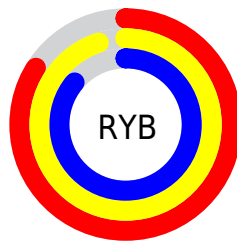
The YUV color $236.0140, -11.3459, -0.8893$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $217.9860, 11.3459, 0.8893$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.1280, -10.9091, -0.9893$ is the 20% darker color. If you saturate the color by 10%, you get $231.7830, -21.0920, -1.5637$, and if you desaturate by 10%, it is $240.2450, -1.5998, -0.2149$.

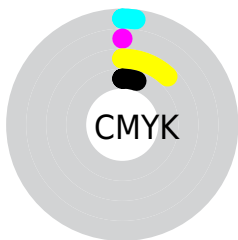
Distribution



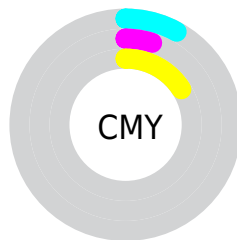
- Red (92%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (95%)
- Blue (86%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.0140, -11.3459, -0.8893 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, -11.3459, -0.8893 by changing the saturation by 10% instead.

■ 236.0140,
-11.3459, -0.8893

■ 236.0140,
-11.3459, -0.8893

255.0000, 0.0000,
0.0000

■ 208.0140,
-11.3459, -0.8893

■ 180.1280,
-10.9091, -0.9893

■ 153.2420,
-10.4723, -1.0892

■ 127.3560,
-10.0355, -1.1892

■ 102.4700, -9.5987,
-1.2892

■ 78.5840, -9.1619,
-1.3892

■ 55.6980, -8.7251,

-1.4891

■ 34.1110, -8.4357,
-0.9743

■ 12.0610, -5.9461,
-6.1925

■ 236.0140,
-11.3459, -0.8893

■ 236.0140,
-11.3459, -0.8893

■ 231.7830,
-21.0920, -1.5637

■ 240.2450, -1.5998,
-0.2149

■ 227.5520,
-30.8381, -2.2381

■ 243.7920, 5.5255,
1.0594

■ 223.3210,
-40.5843, -2.9125

■ 245.2870, 4.7885,
4.1333

■ 218.7910,
-50.1830, -4.2017

■ 246.7820, 4.0515,
7.2072

■ 214.5600,
-59.9291, -4.8761

■ 210.2150,
-70.1120, -5.4506

■ 205.9840,
-79.8581, -6.1250

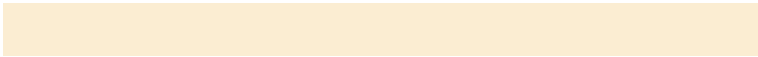
■ 201.7530,
-89.6042, -6.7994

■ 197.9780,
-97.6032, -7.8737

Harmonies

Analogous

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



238.1080, -13.8572, 11.3063



236.0140, -11.3459, -0.8893



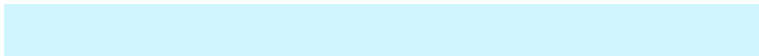
234.1310, -5.4876, -13.2699

Triad

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



236.0140, -11.3459, -0.8893



233.9030, 10.4008, -22.7169



237.9140, 0.5354, 14.9844

Complementary

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



236.0140, -11.3459, -0.8893



217.9860, 11.3459, 0.8893

Split Complementary

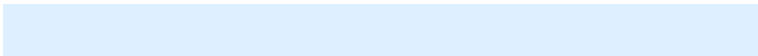
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.6840, 6.0718, 12.5551



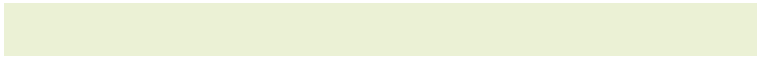
236.0140, -11.3459, -0.8893



235.7410, 9.4947, -12.0509

Square

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



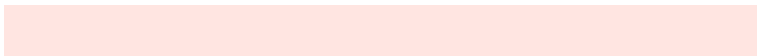
236.0140, -11.3459, -0.8893



233.5990, 8.0857, -26.8353



238.4760, 8.1463, 0.4595



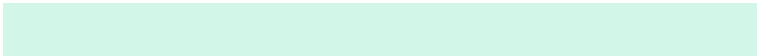
236.3180, -5.5798, 16.3841

Rectangle

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



236.0140, -11.3459, -0.8893



233.5260, -1.2453, -20.6323



238.4760, 8.1463, 0.4595



238.4840, 2.7194, 14.4845

Sweetspot

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



236.0140, -11.3459, -0.8893



253.4900, -3.1996, -0.4297



224.8940, -5.8637, 14.1250



126.7180, -2.3260, -0.6297



0.0000, 0.0000, 0.0000



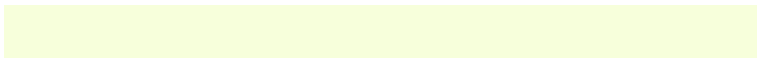
128.0000, 0.0000, 0.0000

Same Dimension

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



236.0140, -11.3459, -0.8893



248.5040, -14.5455, -1.3190



231.8280, -9.2822, -9.4962



117.7350, -4.7994, -0.6446



151.0640, -74.4746, -6.1951



46.0280, -22.6918, -1.7786

Inverse Universe

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



217.9860, 11.3459, 0.8893



225.4960, 14.5455, 1.3190



222.1720, 9.2822, 9.4962



109.9660, 4.9468, 0.0298



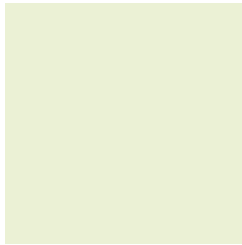
32.6370, 74.6220, 5.5804



9.9720, 22.6918, 1.7786

Previews

White Background



This preview shows how the YUV color 236.0140, -11.3459, -0.8893 looks on a white background.

Color Contrast Check

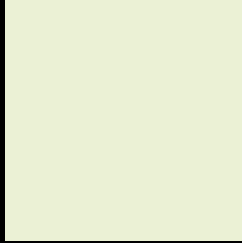
Large Text (above 18pt) WCAG AA × Fail

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, -11.3459, -0.8893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

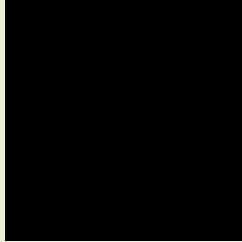
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

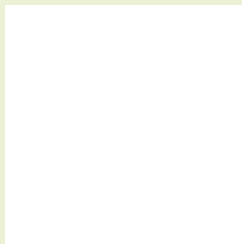
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.0140, -11.3459, -0.8893

Background



This preview shows how black text looks on a background with the YUV color 236.0140, -11.3459, -0.8893.



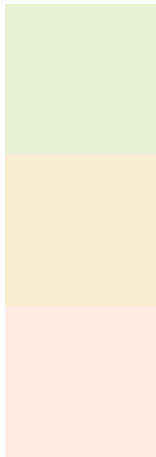
This preview shows how white text looks on a background with the YUV color 236.0140, -11.3459, -0.8893.

-0.8893.

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, -11.3459, -0.8893

Protanopia

237.3250, -12.9782, 9.3620

Deuteranopia

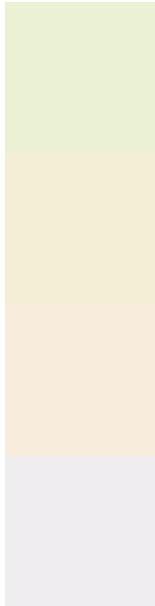
238.7800, -6.3005, 14.2249



Tritanopia

238.9600, 7.4147, 1.7891

Trichromacy



Original Color

236.0140, -11.3459, -0.8893

Protanomaly

236.5310, -12.0938, 5.6733

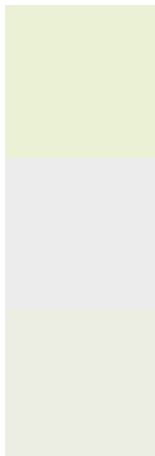
Deuteranomaly

237.8780, -8.3209, 8.8770

Tritanomaly

237.8260, 0.5788, 1.0296

Monochromacy



Original Color

236.0140, -11.3459, -0.8893

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.2620, -4.0732, -0.2298

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.0140, -11.3459, -0.8893 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(235, 241, 213)` looks like.

```
.text, #text, p{  
    color:rgb(235, 241, 213)  
}
```

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(235, 241, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 241, 213) }
```

Border

The CSS property to change the border of an element to YUV 236.0140, -11.3459, -0.8893 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(235, 241, 213) }
```


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

```
.border{ border-color:rgb(235, 241, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 241, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 241, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 241, 213);  
box-shadow:4px 4px 4px 4px rgb(235, 241,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 236.0140, -11.3459, -0.8893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 241, 213) }
```

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

```
.background{ background-color: rgb(235,  
241, 213) }
```

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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