

Converting Colors

YUV(236.9880, -15.2771,
0.0105)

Have a look what the booklet for
YUV(236.9880, -15.2771, 0.0105)
contains.

YUV(236.9880, -15.2771, 0.0105)	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(236.9880, -15.2771,
0.0105)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF3CE
RGB	237, 243, 206
RGB Percent	93%, 95%, 81%
CMY	0.0706, 0.0471, 0.1922
CMYK	0.02, 0.00, 0.15, 0.05
HSL	70°, 61%, 88%
HSV	70°, 15%, 95%
XYZ	78.1162, 86.5619, 70.9835
YIQ	236.9880, 8.3010, -12.7790

Conversions

Conversions Part 2

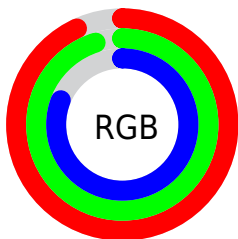
Format	Color
R _Y B	206, 243, 212
Decimal	15594446
CIE Lab	94.55, -8.17, 17.19
CIE LCh	95, 19.030, 115.415
Yxy	86.5619, 0.3315, 0.3673
Android (android.graphics.Color)	4293784526 (0xFFEDF3CE)
YUV	236.9880, -15.2771, 0.0105
Hunter-Lab	93.0387, -12.9472, 19.8920

Details

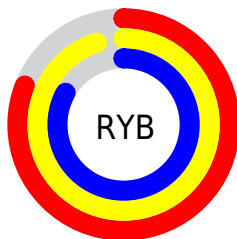
The YUV color $236.9880, -15.2771, 0.0105$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $212.0120, 15.2771, -0.0105$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.2160, -14.4035, -0.1894$ is the 20% darker color. If you saturate the color by 10%, you get $233.0560, -25.1706, -0.0491$, and if you desaturate by 10%, it is $240.9200, -5.3836, 0.0702$.

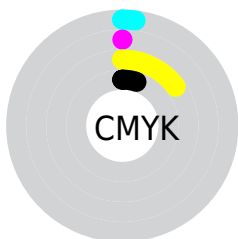
Distribution



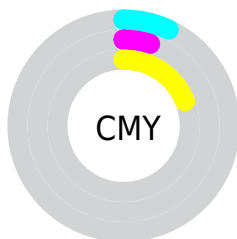
- Red (93%)
- Green (95%)
- Blue (81%)



- Red (81%)
- Yellow (95%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.9880, -15.2771, 0.0105 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 236.9880, -15.2771, 0.0105 by changing the saturation by 10% instead.

■ 236.9880,
-15.2771, 0.0105

■ 236.9880,
-15.2771, 0.0105

255.0000, 0.0000,
0.0000

■ 208.9880,
-15.2771, 0.0105

■ 181.2160,
-14.4035, -0.1894

■ 154.3300,
-13.9667, -0.2894

■ 128.4440,
-13.5299, -0.3894

■ 103.5580,
-13.0931, -0.4894

■ 78.7860, -12.2195,
-0.6893

■ 55.9000, -11.7827,

-0.7893

■ 34.1990, -11.9301,
-0.1745

■ 12.3490, -6.0881,
-7.3221

■ 236.9880,
-15.2771, 0.0105

■ 236.9880,
-15.2771, 0.0105

■ 233.0560,
-25.1706, -0.0491

■ 240.9200, -5.3836,
0.0702

■ 229.0100,
-35.5009, -0.0088

■ 244.9660, 4.9468,
0.0298

■ 225.0780,
-45.3945, -0.0684

■ 246.1620, 4.3571,
2.4889

■ 221.1460,
-55.2880, -0.1280

■ 247.3580, 3.7675,
4.9480

■ 217.2140,
-65.1815, -0.1877

■ 247.9560, 3.4727,
6.1776

■ 213.1680,
-75.5118, -0.1473

■ 209.2360,
-85.4053, -0.2070

■ 205.3040,
-95.2989, -0.2666

■ 203.6370,
-100.3930, 0.3184

Harmonies

Analogous

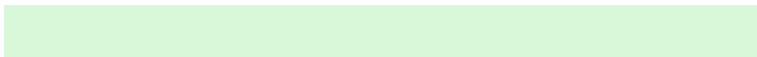
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.5060, -17.5045, 14.4652



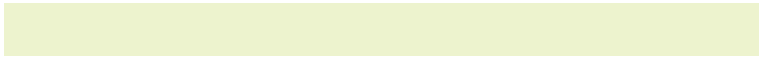
236.9880, -15.2771, 0.0105



235.0120, -8.3869, -16.6735

Triad

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



236.9880, -15.2771, 0.0105



233.2610, 10.7173, -30.9239



237.1960, 2.8614, 15.6141

Complementary

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



236.9880, -15.2771, 0.0105



212.0120, 15.2771, -0.0105

Split Complementary

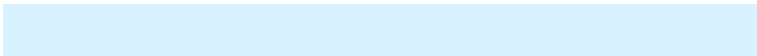
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.3250, 7.2348, 12.8700



236.9880, -15.2771, 0.0105



235.7080, 9.5110, -17.2839

Square

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



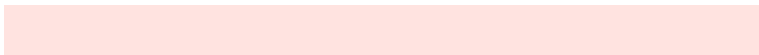
236.9880, -15.2771, 0.0105



233.1140, 10.2968, -36.0570



239.0630, 7.8569, -0.0553



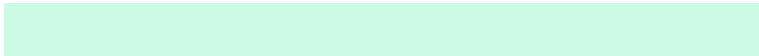
235.0300, -5.4378, 17.5137

Rectangle

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



236.9880, -15.2771, 0.0105



233.8520, -2.3920, -26.1802



239.0630, 7.8569, -0.0553



238.4670, 5.1928, 14.4994

Sweetspot

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



236.9880, -15.2771, 0.0105



252.9200, -5.3836, 0.0702



220.5850, -7.1904, 19.6580



126.4900, -3.1996, -0.4297



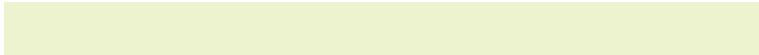
0.0000, 0.0000, 0.0000



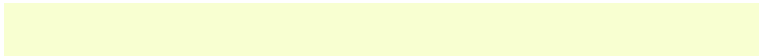
128.0000, 0.0000, 0.0000

Same Dimension

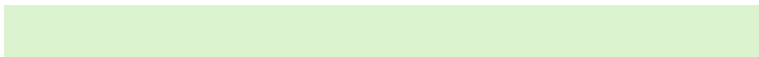
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.9880, -15.2771, 0.0105



247.6630, -19.0609, 0.2955



231.6060, -12.6238, -11.0555



120.0340, -4.9468, -0.0298



155.8260, -76.8222, 0.1526



49.2840, -24.2970, -0.2491

Inverse Universe

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



212.0120, 15.2771, -0.0105



216.6360, 18.9135, 0.3192



217.3940, 12.6238, 11.0555



111.9660, 4.9468, 0.0298



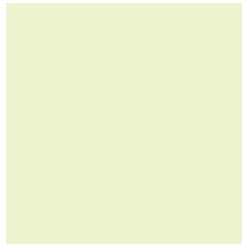
30.1740, 76.8222, -0.1526



9.7160, 24.2970, 0.2491

Previews

White Background



This preview shows how the YUV color 236.9880, -15.2771, 0.0105 looks on a white background.

Color Contrast Check

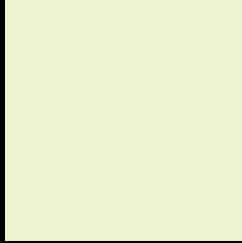
Large Text (above 18pt) WCAG AA × Fail

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 236.9880, -15.2771, 0.0105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

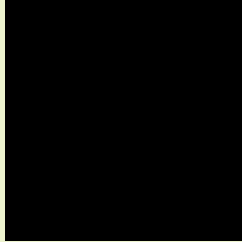
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

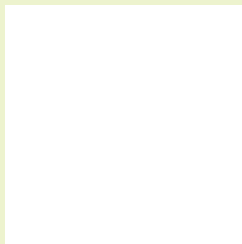
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.9880, -15.2771, 0.0105

Background



This preview shows how black text looks on a background with the YUV color 236.9880, -15.2771, 0.0105.



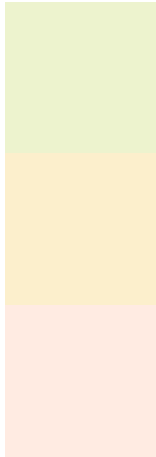
This preview shows how white text looks on a background with the YUV color 236.9880, -15.2771,

0.0105.

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

236.9880, -15.2771, 0.0105

Protanopia

238.8970, -17.2042, 11.4913

Deuteranopia

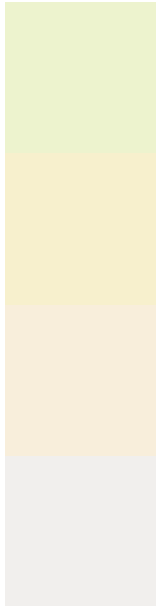
239.9540, -6.8793, 13.1953



Tritanopia

240.5580, 7.1199, 3.0186

Trichromacy



Original Color

236.9880, -15.2771, 0.0105

Protanomaly

238.1030, -16.3198, 7.8027

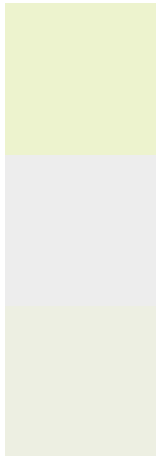
Deuteranomaly

238.8240, -9.7732, 8.0474

Tritanomaly

239.3700, -1.1684, 1.4295

Monochromacy



Original Color

236.9880, -15.2771, 0.0105

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.9200, -5.3836, 0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.9880, -15.2771, 0.0105 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(237, 243, 206)` looks like.

```
.text, #text, p{  
    color:rgb(237, 243, 206)  
}
```

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(237, 243, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 243, 206) }
```

Border

The CSS property to change the border of an element to YUV 236.9880, -15.2771, 0.0105 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(237, 243, 206) }
```


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

```
.border{ border-color:rgb(237, 243, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 243, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 243, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 243, 206); box-shadow:4px 4px 4px 4px rgb(237, 243, 206) }
```

Background

The CSS property to change the background color of an element to YUV 236.9880, -15.2771, 0.0105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 243, 206) }
```

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

```
.background{ background-color: rgb(237,  
243, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor