

Converting Colors

YUV(236.4410, -18.9514,
11.8912)

Have a look what the booklet for
YUV(236.4410, -18.9514, 11.8912)
contains.

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Color

**YUV(236.4410, -18.9514,
11.8912)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEDC6
RGB	250, 237, 198
RGB Percent	98%, 93%, 78%
CMY	0.0196, 0.0706, 0.2235
CMYK	0.00, 0.05, 0.21, 0.02
HSL	45°, 84%, 88%
HSV	45°, 21%, 98%
XYZ	79.9016, 84.9696, 65.6156
YIQ	236.4410, 20.2670, -9.3730

Conversions

Conversions Part 2

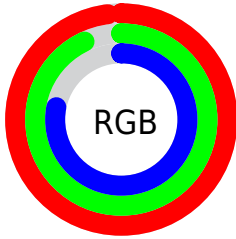
Format	Color
RYB	215, 250, 198
Decimal	16444870
CIELab	93.87, -1.69, 20.50
CIElCh	94, 20.568, 94.702
Yxy	84.9696, 0.3467, 0.3687
Android (android.graphics.Color)	4294634950 (0xFFFAEDC6)
YUV	236.4410, -18.9514, 11.8912
Hunter-Lab	92.1789, -6.5877, 22.3210

Details

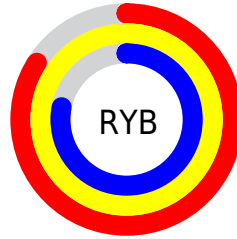
The YUV color $236.4410, -18.9514, 11.8912$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $211.5590, 18.9514, -11.8912$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.3700, -17.9304, 11.0765$ is the 20% darker color. If you saturate the color by 10%, you get $230.0690, -28.1350, 17.4795$, and if you desaturate by 10%, it is $242.8130, -9.7678, 6.3030$.

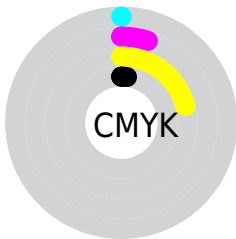
Distribution



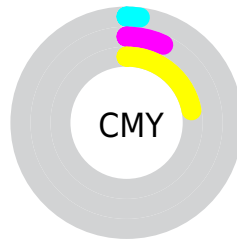
- Red (98%)
- Green (93%)
- Blue (78%)



- Red (84%)
- Yellow (98%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.4410, -18.9514, 11.8912 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 236.4410, -18.9514, 11.8912 by changing the saturation by 10% instead.

■ 236.4410,
-18.9514, 11.8912

■ 236.4410,
-18.9514, 11.8912

255.0000, 0.0000,
0.0000

■ 208.2560,
-18.3672, 11.1765

■ 180.3700,
-17.9304, 11.0765

■ 153.4840,
-17.4936, 10.9765

■ 127.2990,
-16.9094, 10.2618

■ 102.2280,
-15.8884, 9.4470

■ 78.0430, -15.3042,
8.7323

■ 55.4450, -15.0094,

7.5027

■ 33.1030, -16.3198,
7.8027

■ 13.0020, -6.4100,
2.6292

■ 236.4410,
-18.9514, 11.8912

■ 236.4410,
-18.9514, 11.8912

■ 230.0690,
-28.1350, 17.4795

■ 242.8130, -9.7678,
6.3030

■ 223.6970,
-37.3186, 23.0677

■ 249.7720, -0.8736,
0.2000

■ 216.7380,
-46.2128, 29.1708

■ 253.5050, 0.7370,
-3.0739

■ 210.3660,
-55.3964, 34.7590

■ 203.9940,
-64.5800, 40.3473

■ 197.6220,
-73.7636, 45.9355

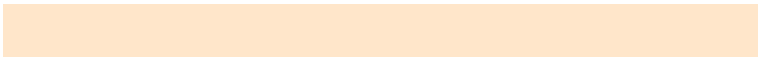
■ 190.6630,
-82.6579, 52.0385

■ 185.1060,
-91.2573, 56.9120

Harmonies

Analogous

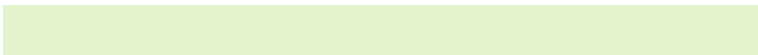
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.2830, -15.9155, 18.1688



236.4410, -18.9514, 11.8912



234.0690, -14.8240, -5.3225

Triad

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



236.4410, -18.9514, 11.8912



230.2600, 12.1968, -38.8160



237.9770, 8.3923, 14.9292

Complementary

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



236.4410, -18.9514, 11.8912



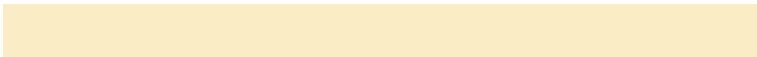
211.5590, 18.9514, -11.8912

Split Complementary

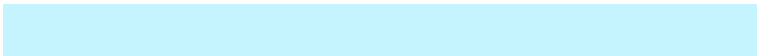
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.9220, 8.4195, 6.2074



236.4410, -18.9514, 11.8912



231.2010, 11.7329, -29.9943

Square

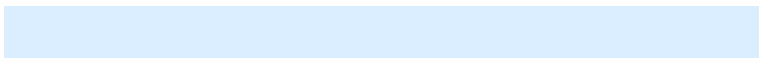
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.4410, -18.9514, 11.8912



230.3330, 4.7658, -35.3720



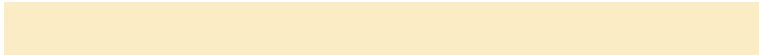
234.2570, 10.2263, -13.3804



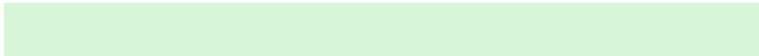
234.5230, 0.2352, 17.9583

Rectangle

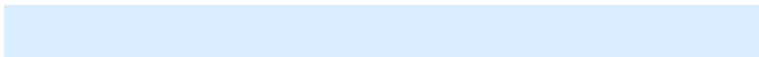
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.4410, -18.9514, 11.8912



232.4850, -9.1131, -17.0883



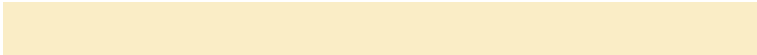
234.2570, 10.2263, -13.3804



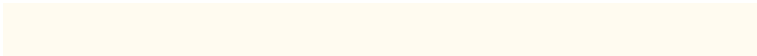
238.5640, 8.1029, 14.4144

Sweetspot

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



236.4410, -18.9514, 11.8912



250.9420, -5.3944, 3.5589



215.0300, -1.9868, 30.6687



125.2130, -3.0630, 2.4442



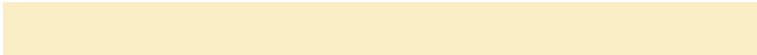
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

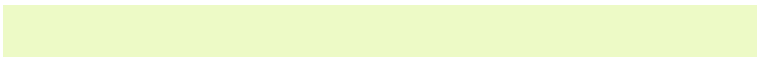
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.4410, -18.9514, 11.8912



238.3120, -23.3248, 14.6354



240.1850, -20.7972, -2.7932



121.7570, -4.8102, 2.8441



139.8650, -68.9534, 43.0914



45.2410, -22.3038, 13.8206

Inverse Universe

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



211.5590, 18.9514, -11.8912



207.6880, 23.3248, -14.6354



207.8150, 20.7972, 2.7932



115.8300, 4.5208, -3.3589



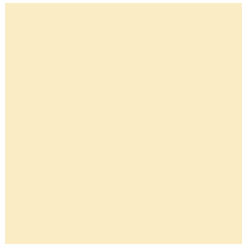
49.1350, 68.9534, -43.0914



15.7590, 22.3038, -13.8206

Previews

White Background



This preview shows how the YUV color 236.4410, -18.9514, 11.8912 looks on a white background.

Color Contrast Check

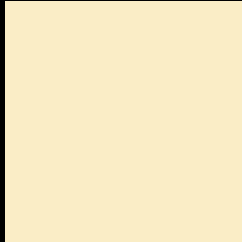
Large Text (above 18pt) WCAG AA × Fail

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 236.4410, -18.9514, 11.8912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

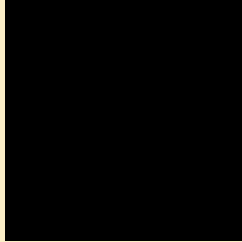
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 236.4410, -18.9514, 11.8912

Background



This preview shows how black text looks on a background with the YUV color 236.4410, -18.9514, 11.8912.

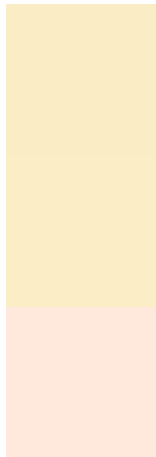


This preview shows how white text looks on a background with the YUV color 236.4410, -18.9514, 11.8912.

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

236.4410, -18.9514, 11.8912

Protanopia

236.7400, -19.0988, 12.5060

Deuteranopia

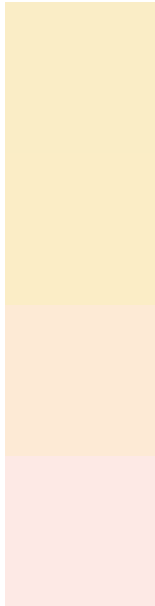
238.2100, -8.4845, 14.7248



Tritanopia

240.0000, 3.4510, 13.1550

Trichromacy



Original Color

236.4410, -18.9514, 11.8912

Protanomaly

236.7400, -19.0988, 12.5060

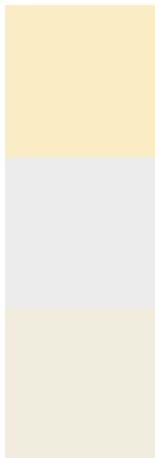
Deuteranomaly

237.2870, -11.9735, 13.7803

Tritanomaly

238.5240, -4.6953, 12.6955

Monochromacy



Original Color

236.4410, -18.9514, 11.8912

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.8990, -6.8522, 4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.4410, -18.9514, 11.8912 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(250, 237, 198)` looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 198)  
}
```

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(250, 237, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 198) }
```

Border

The CSS property to change the border of an element to YUV 236.4410, -18.9514, 11.8912 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(250, 237, 198) }
```


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

```
.border{ border-color:rgb(250, 237, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 237, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 198);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 236.4410, -18.9514, 11.8912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 198) }
```

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

```
.background{ background-color: rgb(250,  
237, 198) }
```

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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