

Converting Colors

YUV(235.1980, -27.2126,
1.5804)

Have a look what the booklet for
YUV(235.1980, -27.2126, 1.5804)
contains.

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Color

**YUV(235.1980, -27.2126,
1.5804)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF5B4
RGB	237, 245, 180
RGB Percent	93%, 96%, 71%
CMY	0.0706, 0.0392, 0.2941
CMYK	0.03, 0.00, 0.27, 0.04
HSL	67°, 76%, 83%
HSV	67°, 27%, 96%
XYZ	75.8157, 86.6046, 55.9005
YIQ	235.1980, 16.0970, -21.9110

Conversions

Conversions Part 2

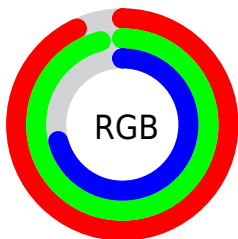
Format	Color
R_{YB}	180, 245, 188
Decimal	15594932
CIE Lab	94.57, -12.89, 30.49
CIE LCh	95, 33.105, 112.913
Yxy	86.6046, 0.3473, 0.3967
Android (android.graphics.Color)	4293785012 (0xFFEDF5B4)
YUV	235.1980, -27.2126, 1.5804
Hunter-Lab	93.0616, -17.4370, 29.5287

Details

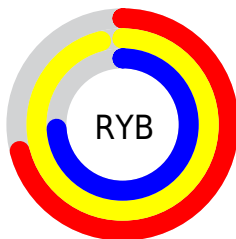
The YUV color $235.1980, -27.2126, 1.5804$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $189.8020, 27.2126, -1.5804$, and the grayscale version is $235.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.8340, -8.2992, 1.8996$, and $179.5400, -25.9022, 1.2804$ is the 20% darker color. If you saturate the color by 10%, you get $231.5650, -37.2535, 2.1355$, and if you desaturate by 10%, it is $238.9450, -16.7349, 0.9252$.

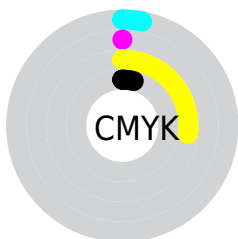
Distribution



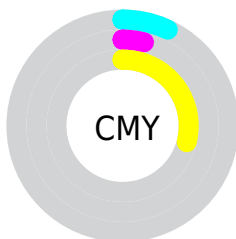
- Red (93%)
- Green (96%)
- Blue (71%)



- Red (71%)
- Yellow (96%)
- Blue (74%)



- Cyan (3%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.1980, -27.2126, 1.5804 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 235.1980, -27.2126, 1.5804 by changing the saturation by 10% instead.

■ 235.1980,
-27.2126, 1.5804

■ 235.1980,
-27.2126, 1.5804

255.0000, 0.0000,
0.0000

■ 207.0130,
-26.6284, 0.8656

■ 252.8340, -8.2992,
1.8996

■ 179.5400,
-25.9022, 1.2804

■ 152.3550,
-25.3180, 0.5657

■ 126.5830,
-24.4444, 0.3657

■ 100.8110,
-23.5708, 0.1658

■ 76.6260, -22.9866,
-0.5490

■ 53.2130, -23.2760,

-1.0638

■ 33.0370, -16.2872,
-2.6634

■ 12.9140, -6.3666,
-11.3256

■ 235.1980,
-27.2126, 1.5804

■ 235.1980,
-27.2126, 1.5804

■ 231.5650,
-37.2535, 2.1355

■ 238.9450,
-16.7349, 0.9252

■ 227.8180,
-47.7313, 2.7906

■ 242.5780, -6.6940,
0.3701

■ 224.1850,
-57.7722, 3.3458

■ 246.3250, 3.7838,
-0.2850

■ 220.4380,
-68.2499, 4.0009

■ 247.3360, 3.7784,
1.4593

■ 216.8050,
-78.2909, 4.5560

■ 248.2330, 3.3361,
3.3037

■ 213.0580,
-88.7686, 5.2111

■ 249.1300, 2.8939,
5.1480

■ 209.4250,
-98.8095, 5.7663

■ 208.1000,
-102.5933, 6.0513

Harmonies

Analogous

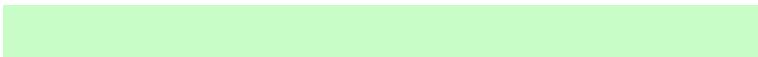
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.2540, -28.7192, 18.1942



235.1980, -27.2126, 1.5804



231.1110, -15.3377, -27.2843

Triad

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



235.1980, -27.2126, 1.5804



223.6270, 15.4669, -61.0629



231.8960, 7.9393, 20.2622

Complementary

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



235.1980, -27.2126, 1.5804



189.8020, 27.2126, -1.5804

Split Complementary

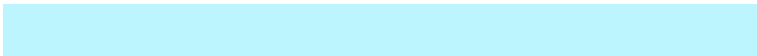
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.2160, 9.2605, 16.4736



235.1980, -27.2126, 1.5804



229.3960, 12.6228, -35.4273

Square

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



235.1980, -27.2126, 1.5804



222.1100, 16.2148, -67.6255



236.3940, 9.1728, -2.0995



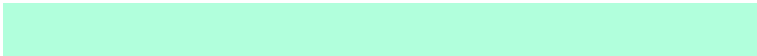
228.2480, -6.0383, 23.4615

Rectangle

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



235.1980, -27.2126, 1.5804



227.6880, -3.7902, -44.4534



236.3940, 9.1728, -2.0995



233.2810, 10.7075, 19.0476

Sweetspot

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



235.1980, -27.2126, 1.5804



251.8230, -8.2937, 0.1552



204.1310, -11.8966, 35.8421



125.9200, -5.3836, 0.0702



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

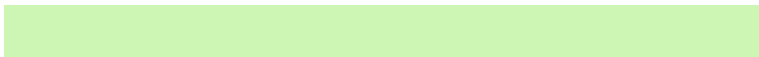
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.1980, -27.2126, 1.5804



242.6620, -34.3434, 2.0504



225.6300, -22.4956, -18.0925



120.3330, -5.0942, 0.5850



157.9190, -77.8541, 4.4560



49.8820, -24.5918, 0.9805

Inverse Universe

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



189.8020, 27.2126, -1.5804



185.3380, 34.3434, -2.0504



199.3700, 22.4956, 18.0925



111.9660, 4.9468, 0.0298



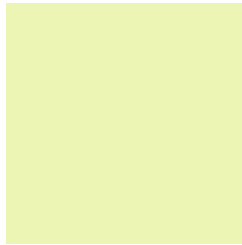
28.0810, 77.8541, -4.4560



8.8190, 24.7392, -1.5953

Previews

White Background



This preview shows how the YUV color 235.1980, -27.2126, 1.5804 looks on a white background.

Color Contrast Check

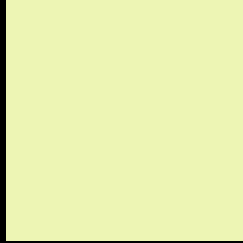
Large Text (above 18pt) WCAG AA × Fail

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 235.1980, -27.2126, 1.5804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

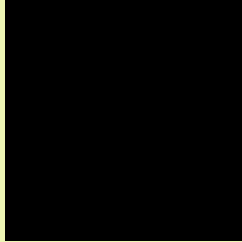
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

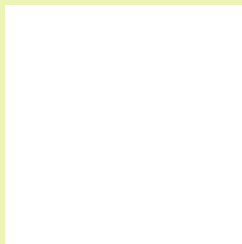
Any Text WCAG AAA ✓ Pass

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

YUV 235.1980, -27.2126, 1.5804 Background



This preview shows how black text looks on a background with the YUV color 235.1980, -27.2126, 1.5804.



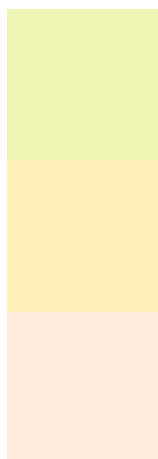
This preview shows how white text looks on a background with the YUV color 235.1980, -27.2126, 1.5804.

1.5804.

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

235.1980, -27.2126, 1.5804

Protanopia

237.5140, -26.3824, 15.3352

Deuteranopia

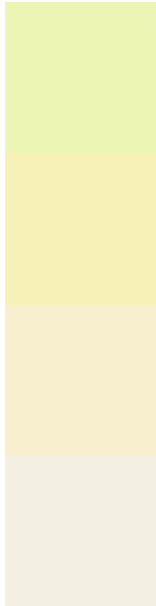
239.9710, -9.3527, 13.1804



Tritanopia

240.7540, 6.5303, 5.4777

Trichromacy



Original Color

235.1980, -27.2126, 1.5804

Protanomaly

236.4810, -26.3661, 10.1022

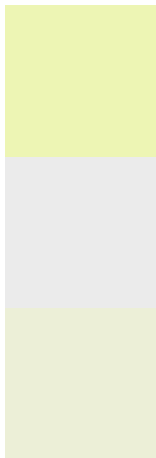
Deuteranomaly

237.9290, -15.7410, 8.8323

Tritanomaly

238.8280, -5.8312, 3.6588

Monochromacy



Original Color

235.1980, -27.2126, 1.5804

Achromatopsia

235.0000, 0.0000, 0.0000

Achromatomaly

235.3670, -10.0409, 0.5551

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.1980, -27.2126, 1.5804 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, 245, 180)` looks like.

```
.text, #text, p{  
    color:rgb(237, 245, 180)  
}
```

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, 245, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 245, 180) }
```

Border

The CSS property to change the border of an element to YUV 235.1980, -27.2126, 1.5804 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, 245, 180) }
```


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

```
.border{ border-color:rgb(237, 245, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 245, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 245, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 245, 180);  
box-shadow:4px 4px 4px 4px rgb(237, 245,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 235.1980, -27.2126, 1.5804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 245, 180) }
```

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

```
.background{ background-color: rgb(237,  
245, 180) }
```

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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