

Converting Colors

YUV(226.1860, -5.5147, -4.5481)

Have a look what the booklet for
YUV(226.1860, -5.5147, -4.5481)
contains.

YUV(226.1860, -5.5147, -4.5481)	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(226.1860, -5.5147,
-4.5481)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE7D7
RGB	221, 231, 215
RGB Percent	87%, 91%, 84%
CMY	0.1333, 0.0941, 0.1569
CMYK	0.04, 0.00, 0.07, 0.09
HSL	97°, 25%, 87%
HSV	97°, 7%, 91%
XYZ	70.6604, 77.4303, 75.5113
YIQ	226.1860, -0.8240, -7.0960

Conversions

Conversions Part 2

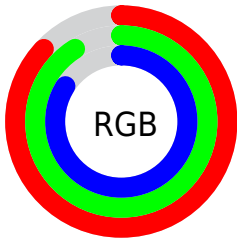
Format	Color
R_{YB}	215, 231, 225
Decimal	14542807
CIE Lab	90.52, -6.19, 6.62
CIE LCh	91, 9.063, 133.042
Yxy	77.4303, 0.3160, 0.3463
Android (android.graphics.Color)	4292732887 (0xFFDDE7D7)
YUV	226.1860, -5.5147, -4.5481
Hunter-Lab	87.9945, -10.6530, 10.7172

Details

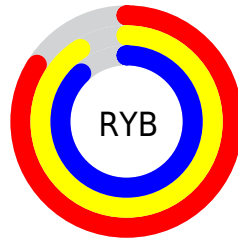
The YUV color $226.1860, -5.5147, -4.5481$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $219.8140, 5.5147, 4.5481$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $170.5990, -5.2253, -4.0333$ is the 20% darker color. If you saturate the color by 10%, you get $219.3780, -13.4974, -10.8555$, and if you desaturate by 10%, it is $232.9940, 2.4680, 1.7593$.

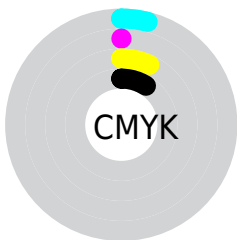
Distribution



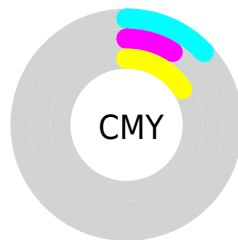
- Red (87%)
- Green (91%)
- Blue (84%)



- Red (84%)
- Yellow (91%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.1860, -5.5147, -4.5481 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 226.1860, -5.5147, -4.5481 by changing the saturation by 10% instead.

■ 226.1860, -5.5147,
-4.5481

■ 226.1860, -5.5147,
-4.5481

255.0000, 0.0000,
0.0000

■ 198.1860, -5.5147,
-4.5481

■ 170.5990, -5.2253,
-4.0333

■ 144.5990, -5.2253,
-4.0333

■ 118.7130, -4.7885,
-4.1333

■ 94.1260, -4.4991,
-3.6185

■ 70.1260, -4.4991,
-3.6185

■ 48.2400, -4.0623,

-3.7185

■ 27.2400, -4.0623,
-3.7185

■ 2.3480, -1.1576,
-2.0592

■ 226.1860, -5.5147,
-4.5481

■ 226.1860, -5.5147,
-4.5481

■ 219.3780,
-13.4974, -10.8555

■ 232.9940, 2.4680,
1.7593

■ 212.2710,
-21.3326, -17.7777

■ 239.4170, 7.6824,
9.2813

■ 205.4630,
-29.3153, -24.0851

■ 240.9120, 6.9454,
12.3552

■ 198.3560,
-37.1505, -31.0072

■ 191.5480,
-45.1332, -37.3146

■ 184.3270,
-53.4052, -44.1368

■ 177.5190,
-61.3879, -50.4442

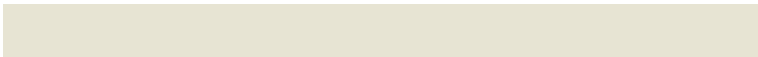
■ 170.7110,
-69.3705, -56.7515

■ 163.6040,
-77.2058, -63.6737

Harmonies

Analogous

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



226.9590, -7.8678, 3.5440



226.1860, -5.5147, -4.5481



225.4670, -1.7092, -11.8106

Triad

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



226.1860, -5.5147, -4.5481



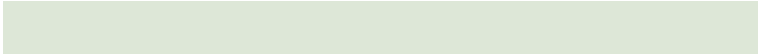
226.8120, 8.4737, -11.2361



229.7030, -2.8116, 15.1695

Complementary

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



226.1860, -5.5147, -4.5481



219.8140, 5.5147, 4.5481

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.



230.1200, 1.4198, 11.2958



226.1860, -5.5147, -4.5481



228.1550, 8.3046, -3.6439

Square

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



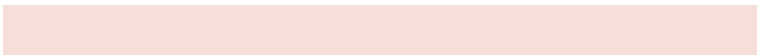
226.1860, -5.5147, -4.5481



225.6220, 6.5954, -15.4545



228.9280, 5.9515, 4.4481



229.0790, -6.4479, 14.8397

Rectangle

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



226.1860, -5.5147, -4.5481



224.9550, 1.5012, -14.8695



228.9280, 5.9515, 4.4481



229.7460, -1.3538, 14.2548

Sweetspot

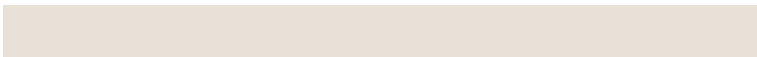
The Sweet Spot groups the original color and five complimentary colors.



226.1860, -5.5147, -4.5481



253.5330, -1.7418, -1.3444



225.6540, -5.2524, 4.6884



127.0600, -1.0156, -0.9296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

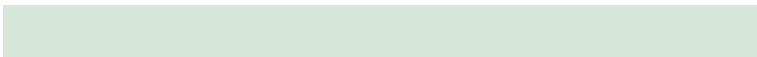
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.1860, -5.5147, -4.5481



248.8330, -6.8197, -5.9925



224.6200, -3.7567, -8.4367



111.5390, -4.2097, -3.1037



125.1060, -61.6773, -50.9590



35.6180, -17.5597, -14.5740

Inverse Universe

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



219.8140, 5.5147, 4.5481



240.8680, 6.9671, 5.3778



221.3800, 3.7567, 8.4367



106.4610, 4.2097, 3.1037



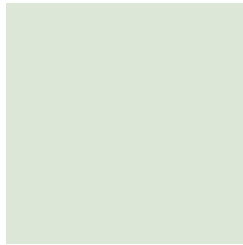
53.8940, 61.6773, 50.9590



15.3820, 17.5597, 14.5740

Previews

White Background



This preview shows how the YUV color 226.1860, -5.5147, -4.5481 looks on a white background.

Color Contrast Check

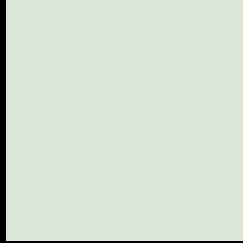
Large Text (above 18pt) WCAG AA × Fail

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 226.1860, -5.5147, -4.5481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

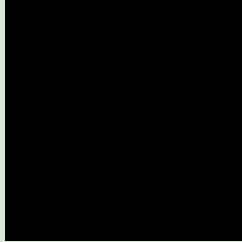
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

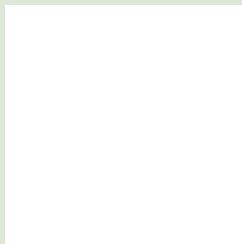
Any Text WCAG AAA ✓ Pass

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

YUV 226.1860, -5.5147, -4.5481 Background



This preview shows how black text looks on a background with the YUV color 226.1860, -5.5147, -4.5481.



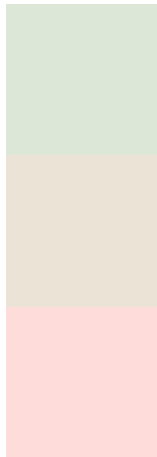
This preview shows how white text looks on a background with the YUV color 226.1860, -5.5147, -4.5481.

-4.5481.

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

226.1860, -5.5147, -4.5481

Protanopia

227.7960, -7.2944, 6.3179

Deuteranopia

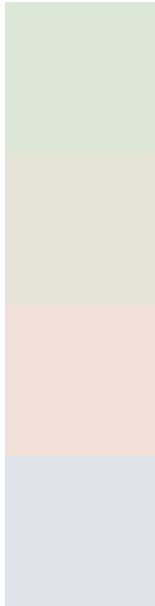
229.5250, -6.1748, 20.5876



Tritanopia

228.7530, 8.0098, -2.4144

Trichromacy



Original Color

226.1860, -5.5147, -4.5481

Protanomaly

227.0020, -6.4100, 2.6292

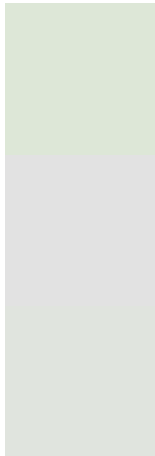
Deuteranomaly

228.1710, -6.0003, 11.2510

Tritanomaly

227.4880, 3.2104, -3.0590

Monochromacy



Original Color

226.1860, -5.5147, -4.5481

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.1200, -2.0312, -1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.1860, -5.5147, -4.5481 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(221, 231, 215)` looks like.

```
.text, #text, p{  
    color:rgb(221, 231, 215)  
}
```

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(221, 231, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 231, 215) }
```

Border

The CSS property to change the border of an element to YUV 226.1860, -5.5147, -4.5481 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(221, 231, 215) }
```


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

```
.border{ border-color:rgb(221, 231, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 231, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 231, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 231, 215);  
box-shadow:4px 4px 4px 4px rgb(221, 231,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 226.1860, -5.5147, -4.5481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 231, 215) }
```

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

```
.background{ background-color: rgb(221,  
231, 215) }
```

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