

Converting Colors

YUV(231.8760, -18.6729,
15.8947)

Have a look what the booklet for
YUV(231.8760, -18.6729, 15.8947)
contains.

YUV(231.8760, -18.6729, 15.8947)	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(231.8760, -18.6729,
15.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE6C2
RGB	250, 230, 194
RGB Percent	98%, 90%, 76%
CMY	0.0196, 0.0980, 0.2392
CMYK	0.00, 0.08, 0.22, 0.02
HSL	39°, 85%, 87%
HSV	39°, 22%, 98%
XYZ	77.4588, 80.8127, 62.5548
YIQ	231.8760, 23.4760, -6.9560

Conversions

Conversions Part 2

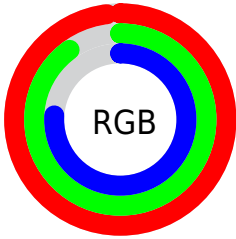
Format	Color
R _Y B	225, 250, 194
Decimal	16443074
CIE Lab	92.05, 1.31, 20.03
CIE LCh	92, 20.069, 86.265
Yxy	80.8127, 0.3508, 0.3660
Android (android.graphics.Color)	4294633154 (0xFFFAE6C2)
YUV	231.8760, -18.6729, 15.8947
Hunter-Lab	89.8959, -3.5133, 21.6696

Details

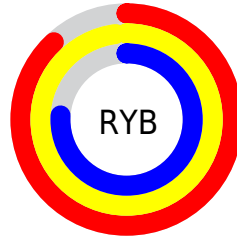
The YUV color $231.8760, -18.6729, 15.8947$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $212.1240, 18.6729, -15.8947$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.5440, -1.7472, 0.3999$, and $176.3920, -17.9413, 14.5652$ is the 20% darker color. If you saturate the color by 10%, you get $223.7430, -26.9883, 23.0274$, and if you desaturate by 10%, it is $240.0090, -10.3574, 8.7621$.

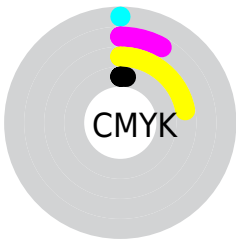
Distribution



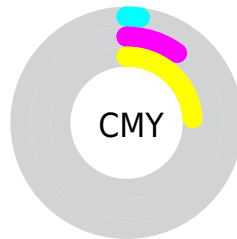
- Red (98%)
- Green (90%)
- Blue (76%)



- Red (88%)
- Yellow (98%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.8760, -18.6729, 15.8947 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 231.8760, -18.6729, 15.8947 by changing the saturation by 10% instead.

231.8760,
-18.6729, 15.8947

231.8760,
-18.6729, 15.8947

255.0000, 0.0000,
0.0000

203.6910,
-18.0887, 15.1800

254.5440, -1.7472,
0.3999

176.3920,
-17.9413, 14.5652

149.6200,
-17.0677, 14.3653

123.4350,
-16.4835, 13.6505

98.2500, -15.8993,
12.9358

74.7660, -15.1676,
11.6062

51.6950, -14.1466,

10.7915

■ 30.1680, -14.8728,
10.3767

■ 7.7080, -3.8000,
5.5181

■ 231.8760,
-18.6729, 15.8947

■ 231.8760,
-18.6729, 15.8947

■ 223.7430,
-26.9883, 23.0274

■ 240.0090,
-10.3574, 8.7621

■ 215.6100,
-35.3037, 30.1600

■ 248.1420, -2.0420,
1.6295

■ 207.4770,
-43.6192, 37.2927

■ 253.5050, 0.7370,
-3.0739

■ 199.3440,
-51.9346, 44.4253

■ 191.2110,
-60.2500, 51.5580

■ 183.0780,
-68.5655, 58.6906

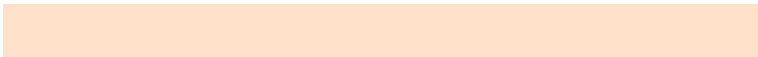
■ 175.5320,
-77.1703, 65.3084

■ 169.2570,
-83.4437, 70.8116

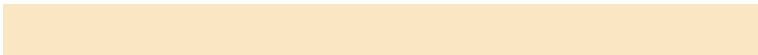
Harmonies

Analogous

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



230.6470, -14.6160, 21.3576



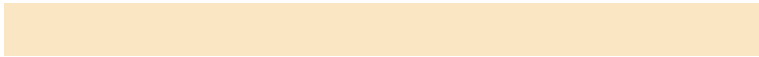
231.8760, -18.6729, 15.8947



229.4610, -16.0033, -0.4043

Triad

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



231.8760, -18.6729, 15.8947



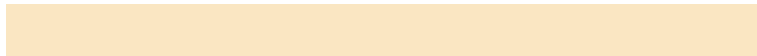
225.0320, 11.3232, -38.6161



235.5150, 9.1131, 17.0883

Complementary

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



231.8760, -18.6729, 15.8947



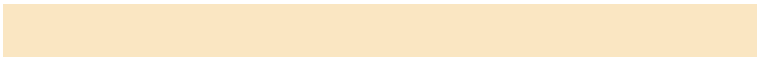
212.1240, 18.6729, -15.8947

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.



232.5730, 11.0565, 0.3745



231.8760, -18.6729, 15.8947



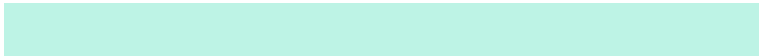
226.1620, 14.2171, -33.4681

Square

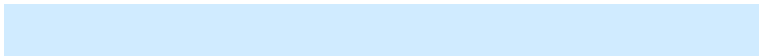
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.8760, -18.6729, 15.8947



225.2580, 1.8448, -31.7983



229.2070, 12.7159, -18.5985



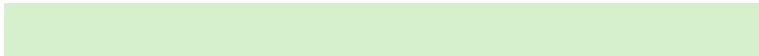
231.5880, 1.6821, 20.5323

Rectangle

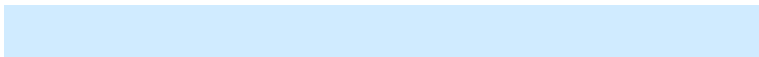
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.8760, -18.6729, 15.8947



228.2360, -11.4553, -12.4850



229.2070, 12.7159, -18.5985



234.7100, 10.0030, 11.6553

Sweetspot

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



231.8760, -18.6729, 15.8947



249.4260, -6.1260, 4.8884



213.1380, 0.9180, 32.3280



124.3980, -3.6472, 3.1590



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

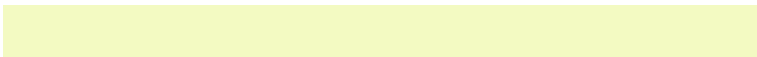
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.8760, -18.6729, 15.8947



232.4590, -22.9043, 19.7685



241.5230, -23.4288, 1.2953



120.5830, -4.2314, 3.8737



127.5380, -62.8762, 53.9022



41.1320, -20.2781, 17.4242

Inverse Universe

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



212.1240, 18.6729, -15.8947



208.5410, 22.9043, -19.7685



202.4770, 23.4288, -1.2953



116.4170, 4.2314, -3.8737



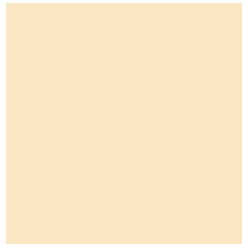
60.8750, 63.1656, -53.3874



19.8680, 20.2781, -17.4242

Previews

White Background



This preview shows how the YUV color 231.8760, -18.6729, 15.8947 looks on a white background.

Color Contrast Check

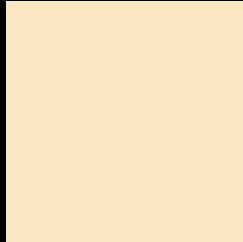
Large Text (above 18pt) WCAG AA × Fail

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 231.8760, -18.6729, 15.8947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

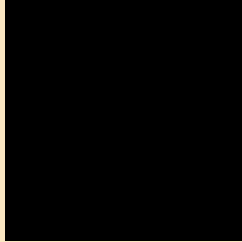
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.8760, -18.6729, 15.8947

Background



This preview shows how black text looks on a background with the YUV color 231.8760, -18.6729, 15.8947.

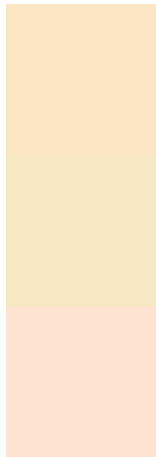


This preview shows how white text looks on a background with the YUV color 231.8760, -18.6729, 15.8947.

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

231.8760, -18.6729, 15.8947

Protanopia

231.6690, -18.0778, 11.6913

Deuteranopia

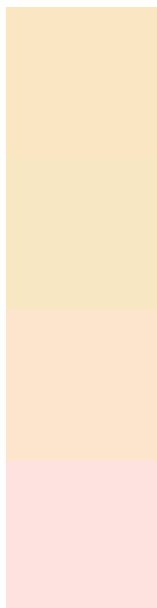
233.4340, -11.5530, 18.9134



Tritanopia

235.2070, 2.8559, 17.3585

Trichromacy



Original Color

231.8760, -18.6729, 15.8947

Protanomaly

231.6800, -18.0832, 13.4356

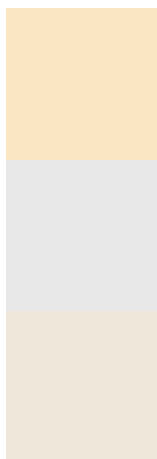
Deuteranomaly

232.7390, -14.1683, 17.7689

Tritanomaly

233.8450, -4.8536, 16.7989

Monochromacy



Original Color

231.8760, -18.6729, 15.8947

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.9100, -6.8576, 6.2179

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.8760, -18.6729, 15.8947 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, 230, 194)` looks like.

```
.text, #text, p{  
    color:rgb(250, 230, 194)  
}
```

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, 230, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 230, 194) }
```

Border

The CSS property to change the border of an element to YUV 231.8760, -18.6729, 15.8947 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, 230, 194) }
```


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

```
.border{ border-color:rgb(250, 230, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 230, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 230, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 230, 194);  
box-shadow:4px 4px 4px 4px rgb(250, 230,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 231.8760, -18.6729, 15.8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 230, 194) }
```

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

```
.background{ background-color: rgb(250,  
230, 194) }
```

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