

Converting Colors

YUV(231.8580, -14.7200,
8.0175)

Have a look what the booklet for
YUV(231.8580, -14.7200, 8.0175)
contains.

YUV(231.8580, -14.7200, 8.0175)	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(231.8580, -14.7200,
8.0175)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E9CA
RGB	241, 233, 202
RGB Percent	95%, 91%, 79%
CMY	0.0549, 0.0863, 0.2078
CMYK	0.00, 0.03, 0.16, 0.05
HSL	48°, 58%, 87%
HSV	48°, 16%, 95%
XYZ	76.0752, 81.2429, 67.5490
YIQ	231.8580, 14.7190, -7.9450

Conversions

Conversions Part 2

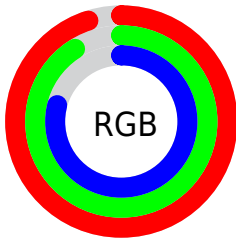
Format	Color
R _Y B	212, 241, 202
Decimal	15854026
CIE Lab	92.24, -2.31, 16.04
CIE LCh	92, 16.211, 98.210
Yxy	81.2429, 0.3383, 0.3613
Android (android.graphics.Color)	4294044106 (0xFFFF1E9CA)
YUV	231.8580, -14.7200, 8.0175
Hunter-Lab	90.1348, -7.0791, 18.6612

Details

The YUV color $231.8580, -14.7200, 8.0175$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $211.1420, 14.7200, -8.0175$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.0860, -13.8464, 7.8176$ is the 20% darker color. If you saturate the color by 10%, you get $226.1870, -23.7562, 12.9910$, and if you desaturate by 10%, it is $237.5290, -5.6838, 3.0441$.

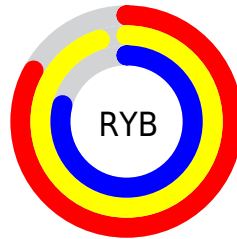
Distribution



Red (95%)

Green (91%)

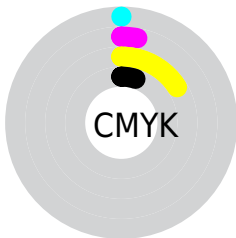
Blue (79%)



Red (83%)

Yellow (95%)

Blue (79%)

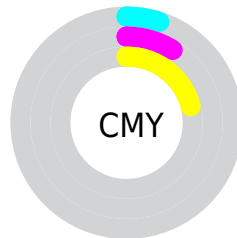


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (5%)



Cyan (5%)

Magenta (9%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.8580, -14.7200, 8.0175 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 231.8580, -14.7200, 8.0175 by changing the saturation by 10% instead.

■ 231.8580,
-14.7200, 8.0175

■ 231.8580,
-14.7200, 8.0175

255.0000, 0.0000,
0.0000

■ 203.9720,
-14.2832, 7.9176

■ 176.0860,
-13.8464, 7.8176

■ 149.7870,
-13.6990, 7.2028

■ 123.6020,
-13.1148, 6.4880

■ 98.7160, -12.6780,
6.3881

■ 74.6450, -11.6570,
5.5733

■ 52.3460, -11.5096,

4.9586

■ 30.1180, -12.3832,
5.1585

■ 7.9630, -3.9258,
-0.8446

■ 231.8580,
-14.7200, 8.0175

■ 231.8580,
-14.7200, 8.0175

■ 226.1870,
-23.7562, 12.9910

■ 237.5290, -5.6838,
3.0441

■ 220.5160,
-32.7924, 17.9645

■ 243.2000, 3.3524,
-1.9294

■ 214.8450,
-41.8286, 22.9379

■ 246.7050, 4.0894,
-5.0033

■ 209.1740,
-50.8648, 27.9114

■ 249.6400, 2.6425,
-7.5773

■ 203.5030,
-59.9010, 32.8849

■ 250.8140, 2.0637,
-8.6069

■ 197.7180,
-69.3740, 37.9583

■ 192.0470,
-78.4102, 42.9318

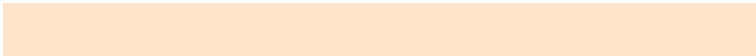
■ 186.3760,
-87.4464, 47.9052

■ 184.7630,
-91.0882, 49.3198

Harmonies

Analogous

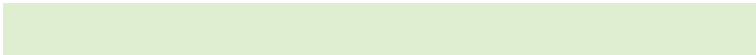
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.3370, -14.4631, 18.9985



231.8580, -14.7200, 8.0175



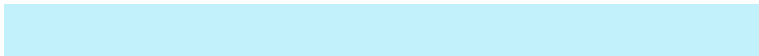
230.0950, -10.8928, -6.2223

Triad

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



231.8580, -14.7200, 8.0175



228.0870, 11.2961, -29.8943



235.0760, 4.8925, 17.4733

Complementary

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



231.8580, -14.7200, 8.0175



211.1420, 14.7200, -8.0175

Split Complementary

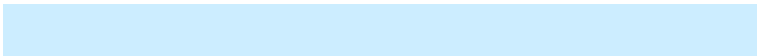
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.3780, 10.1666, 5.8075



231.8580, -14.7200, 8.0175



229.1850, 12.7268, -22.0872

Square

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



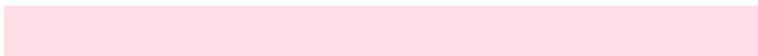
231.8580, -14.7200, 8.0175



227.3770, 4.7441, -28.3946



231.9200, 11.3784, -9.5768



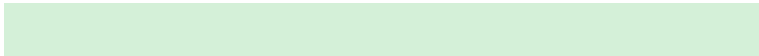
232.6650, -1.8068, 19.5878

Rectangle

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



231.8580, -14.7200, 8.0175



228.8920, -6.3558, -14.8143



231.9200, 11.3784, -9.5768



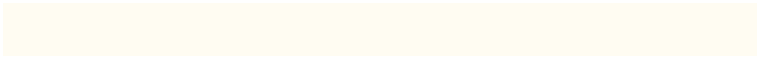
235.8090, 6.5032, 14.1995

Sweetspot

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



231.8580, -14.7200, 8.0175



251.7570, -4.8102, 2.8441



214.5730, -2.2545, 23.1765



125.9140, -2.9156, 1.8294



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.



231.8580, -14.7200, 8.0175



243.6580, -18.0724, 9.9469



233.2650, -15.4136, -2.8634



116.8710, -4.3734, 2.7441



140.7180, -69.3740, 37.9583



43.1590, -21.2774, 11.2616

Inverse Universe

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



211.1420, 14.7200, -8.0175



217.7550, 18.3618, -9.4321



209.7350, 15.4136, 2.8634



110.5420, 4.6628, -2.2293



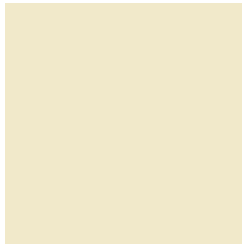
43.2820, 69.3740, -37.9583



13.4280, 20.9880, -11.7764

Previews

White Background



This preview shows how the YUV color 231.8580, -14.7200, 8.0175 looks on a white background.

Color Contrast Check

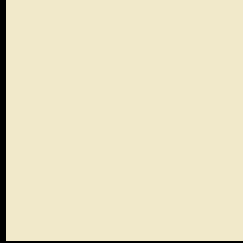
Large Text (above 18pt) WCAG AA × Fail

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 231.8580, -14.7200, 8.0175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

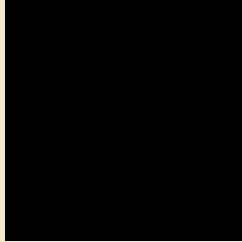
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.8580, -14.7200, 8.0175

Background



This preview shows how black text looks on a background with the YUV color 231.8580, -14.7200, 8.0175.

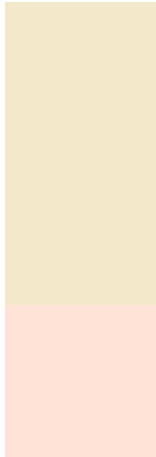


This preview shows how white text looks on a background with the YUV color 231.8580, -14.7200, 8.0175.

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

231.8580, -14.7200, 8.0175

Protanopia

232.1680, -14.8728, 10.3767

Deuteranopia

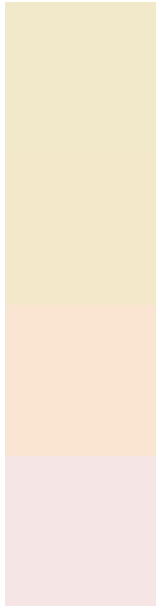
233.8900, -9.8058, 18.5135



Tritanopia

235.0320, 4.9142, 10.4959

Trichromacy



Original Color

231.8580, -14.7200, 8.0175

Protanomaly

231.8690, -14.7254, 9.7619

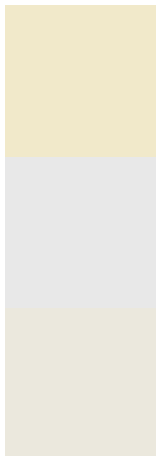
Deuteranomaly

233.1130, -11.3947, 14.8099

Tritanomaly

233.7840, -2.3585, 9.8364

Monochromacy



Original Color

231.8580, -14.7200, 8.0175

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.6430, -5.2470, 2.9441

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.8580, -14.7200, 8.0175 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(241, 233, 202)` looks like.

```
.text, #text, p{  
    color:rgb(241, 233, 202)  
}
```

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(241, 233, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 233, 202) }
```

Border

The CSS property to change the border of an element to YUV 231.8580, -14.7200, 8.0175 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(241, 233, 202) }
```


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

```
.border{ border-color:rgb(241, 233, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 233, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 233, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 233, 202); box-shadow:4px 4px 4px 4px rgb(241, 233, 202) }
```

Background

The CSS property to change the background color of an element to YUV 231.8580, -14.7200, 8.0175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 233, 202) }
```

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

```
.background{ background-color: rgb(241,  
233, 202) }
```

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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