

Converting Colors

YUV(230.5860, -12.1209,
14.3951)

Have a look what the booklet for
YUV(230.5860, -12.1209, 14.3951)
contains.

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Color

**YUV(230.5860, -12.1209,
14.3951)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E3CE
RGB	247, 227, 206
RGB Percent	97%, 89%, 81%
CMY	0.0314, 0.1098, 0.1922
CMYK	0.00, 0.08, 0.17, 0.03
HSL	31°, 72%, 89%
HSV	31°, 17%, 97%
XYZ	76.9674, 79.1686, 69.6170
YIQ	230.5860, 18.6610, -2.2910

Conversions

Conversions Part 2

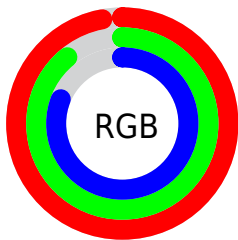
Format	Color
R_{YB}	245, 247, 206
Decimal	16245710
CIE Lab	91.31, 3.50, 12.72
CIE LCh	91, 13.192, 74.623
Yxy	79.1686, 0.3409, 0.3507
Android (android.graphics.Color)	4294435790 (0xFFFF7E3CE)
YUV	230.5860, -12.1209, 14.3951
Hunter-Lab	88.9767, -1.3016, 15.8942

Details

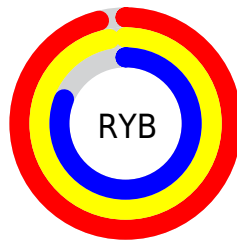
The YUV color $230.5860, -12.1209, 14.3951$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $222.4140, 12.1209, -14.3951$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.1020, -11.3893, 13.0655$ is the 20% darker color. If you saturate the color by 10%, you get $220.6920, -19.5682, 23.0721$, and if you desaturate by 10%, it is $240.4800, -4.6736, 5.7180$.

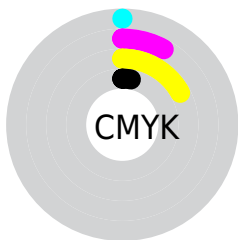
Distribution



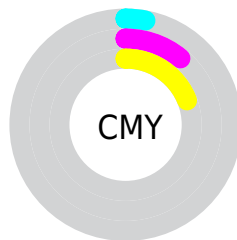
- Red (97%)
- Green (89%)
- Blue (81%)



- Red (96%)
- Yellow (97%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.5860, -12.1209, 14.3951 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 230.5860, -12.1209, 14.3951 by changing the saturation by 10% instead.

230.5860,
-12.1209, 14.3951

230.5860,
-12.1209, 14.3951

255.0000, 0.0000,
0.0000

202.2870,
-11.9735, 13.7803

175.1020,
-11.3893, 13.0655

148.2160,
-10.9525, 12.9656

122.9170,
-10.8051, 12.3508

97.7320, -10.2209,
11.6360

73.5470, -9.6367,
10.9213

51.0630, -8.9051,

9.5917

■ 29.5360, -9.6312,
9.1769

■ 5.9580, -2.9373,
8.8068

■ 230.5860,
-12.1209, 14.3951

■ 230.5860,
-12.1209, 14.3951

■ 220.6920,
-19.5682, 23.0721

■ 240.4800, -4.6736,
5.7180

■ 210.9120,
-26.5786, 31.6492

■ 250.2600, 2.3368,
-2.8590

■ 201.0180,
-34.0259, 40.3262

■ 252.6080, 1.1793,
-4.9182

■ 191.1240,
-41.4731, 49.0033

■ 181.2300,
-48.9204, 57.6803

■ 171.4500,
-55.9308, 66.2574

■ 161.5560,
-63.3781, 74.9344

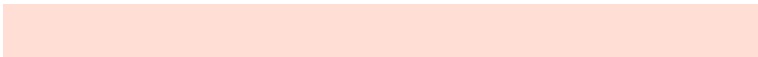
■ 151.6620,
-70.8254, 83.6114

■ 148.4020,
-73.1622, 86.4704

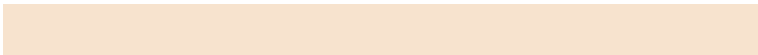
Harmonies

Analogous

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



231.4280, -9.0850, 20.6726



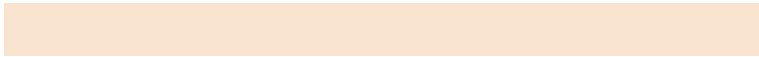
230.5860, -12.1209, 14.3951



229.0470, -11.3622, 4.3438

Triad

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



230.5860, -12.1209, 14.3951



226.1110, 4.8753, -23.7763



232.1070, 7.8352, 6.9222

Complementary

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



230.5860, -12.1209, 14.3951



222.4140, 12.1209, -14.3951

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.



230.6540, 11.5096, -4.9586



230.5860, -12.1209, 14.3951



226.4900, 10.1114, -23.2317

Square

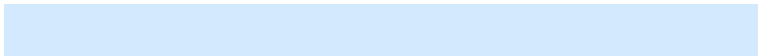
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.5860, -12.1209, 14.3951



226.1350, -1.5456, -17.6584



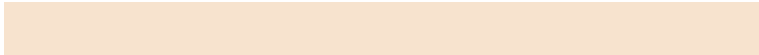
228.5170, 12.5631, -16.2394



232.6800, 2.1298, 16.9436

Rectangle

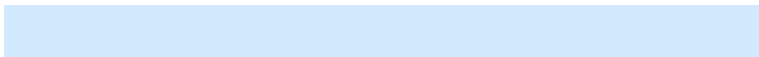
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.5860, -12.1209, 14.3951



228.1600, -9.4459, -3.6483



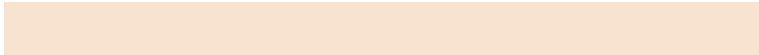
228.5170, 12.5631, -16.2394



231.5410, 9.5933, 3.0335

Sweetspot

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



230.5860, -12.1209, 14.3951



249.9960, -3.9420, 4.3885



220.6530, 3.1291, 23.1063



124.7400, -2.3368, 2.8590



0.0000, 0.0000, 0.0000



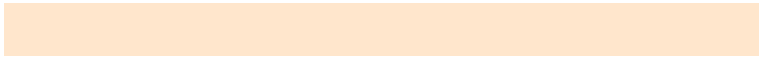
128.0000, 0.0000, 0.0000

Same Dimension

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



230.5860, -12.1209, 14.3951



234.5110, -15.0419, 17.9689



242.3260, -17.9087, 4.0991



117.1100, -3.5052, 4.2885



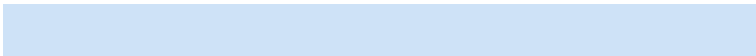
111.3790, -54.9098, 65.4426



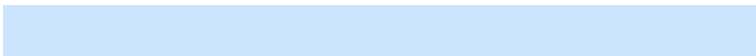
35.2510, -17.3787, 20.8279

Inverse Universe

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



222.4140, 12.1209, -14.3951



224.4890, 15.0419, -17.9689



210.6740, 17.9087, -4.0991



114.8900, 3.5052, -4.2885



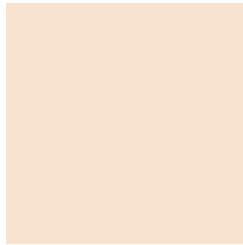
74.6210, 54.9098, -65.4426



23.7490, 17.3787, -20.8279

Previews

White Background



This preview shows how the YUV color 230.5860, -12.1209, 14.3951 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 230.5860, -12.1209, 14.3951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

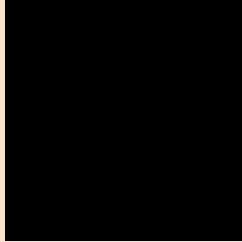
Any Text WCAG AA ✓ Pass

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 230.5860, -12.1209, 14.3951 Background



This preview shows how black text looks on a background with the YUV color 230.5860, -12.1209, 14.3951.

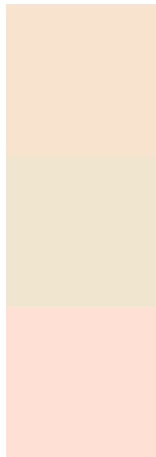


This preview shows how white text looks on a background with the YUV color 230.5860, -12.1209, 14.3951.

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

230.5860, -12.1209, 14.3951

Protanopia

229.7810, -11.2310, 8.9621

Deuteranopia

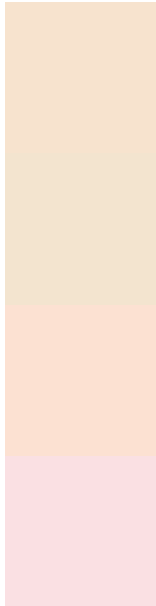
231.9010, -9.8112, 20.2578



Tritanopia

232.6090, 3.1508, 16.1289

Trichromacy



Original Color

230.5860, -12.1209, 14.3951

Protanomaly

230.0910, -11.3839, 11.3212

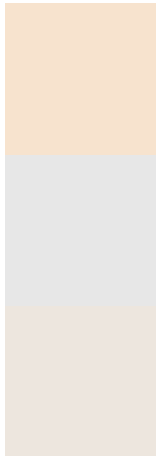
Deuteranomaly

231.3630, -10.5320, 18.0986

Tritanomaly

232.1160, -2.5222, 15.6843

Monochromacy



Original Color

230.5860, -12.1209, 14.3951

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

231.1810, -4.5262, 5.1033

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.5860, -12.1209, 14.3951 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(247, 227, 206)` looks like.

```
.text, #text, p{  
    color:rgb(247, 227, 206)  
}
```

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(247, 227, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 227, 206) }
```

Border

The CSS property to change the border of an element to YUV 230.5860, -12.1209, 14.3951 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(247, 227, 206) }
```


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

```
.border{ border-color:rgb(247, 227, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 227, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 227, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 227, 206);  
box-shadow:4px 4px 4px 4px rgb(247, 227,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 230.5860, -12.1209, 14.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 227, 206) }
```

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

```
.background{ background-color: rgb(247,  
227, 206) }
```

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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