

Converting Colors

YUV(233.1280, -7.4581,
12.1657)

Have a look what the booklet for
YUV(233.1280, -7.4581, 12.1657)
contains.

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Color

**YUV(233.1280, -7.4581,
12.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E5DA
RGB	247, 229, 218
RGB Percent	97%, 90%, 85%
CMY	0.0314, 0.1020, 0.1451
CMYK	0.00, 0.07, 0.12, 0.03
HSL	23°, 64%, 91%
HSV	23°, 12%, 97%
XYZ	79.0320, 80.8747, 77.7746
YIQ	233.1280, 14.2590, 0.3950

Conversions

Conversions Part 2

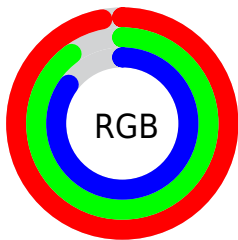
Format	Color
R_{YB}	247, 236, 218
Decimal	16246234
CIE _{Lab}	92.08, 4.33, 7.56
CIE _{LCh}	92, 8.708, 60.192
Y _{xy}	80.8747, 0.3325, 0.3403
Android (android.graphics.Color)	4294436314 (0xFFFF7E5DA)
YUV	233.1280, -7.4581, 12.1657
Hunter-Lab	89.9304, -0.5101, 11.6754

Details

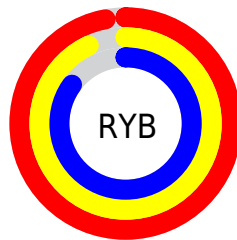
The YUV color $233.1280, -7.4581, 12.1657$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $231.8720, 7.4581, -12.1657$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.8290, -7.3107, 11.5510$ is the 20% darker color. If you saturate the color by 10%, you get $221.4730, -14.0372, 22.3872$, and if you desaturate by 10%, it is $244.7830, -0.8790, 1.9443$.

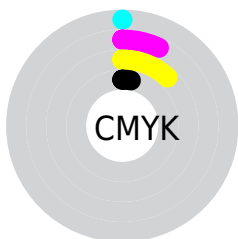
Distribution



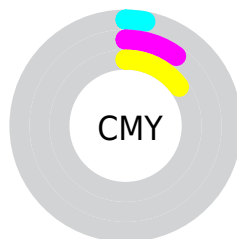
- Red (97%)
- Green (90%)
- Blue (85%)



- Red (97%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.1280, -7.4581, 12.1657 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 233.1280, -7.4581, 12.1657 by changing the saturation by 10% instead.

233.1280, -7.4581,
12.1657

233.1280, -7.4581,
12.1657

255.0000, 0.0000,
0.0000

204.8290, -7.3107,
11.5510

177.8290, -7.3107,
11.5510

150.6440, -6.7265,
10.8362

124.6440, -6.7265,
10.8362

99.4590, -6.1423,
10.1215

76.1600, -5.9949,
9.5067

52.9750, -5.4107,

8.7919

■ 31.6760, -5.2633,
8.1771

■ 8.3280, -4.1057,
10.2363

■ 233.1280, -7.4581,
12.1657

■ 233.1280, -7.4581,
12.1657

■ 221.4730,
-14.0372, 22.3872

■ 244.7830, -0.8790,
1.9443

■ 209.3450,
-19.8901, 33.0234

■ 252.6080, 1.1793,
-4.9182

■ 197.6900,
-26.4692, 43.2449

■ 186.0350,
-33.0483, 53.4663

■ 173.9070,
-38.9012, 64.1026

■ 162.2520,
-45.4802, 74.3240

■ 150.5970,
-52.0593, 84.5454

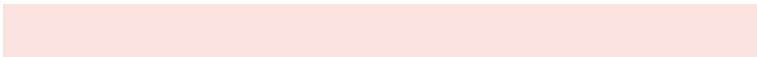
■ 138.3550,
-58.3490, 95.2817

■ 129.0310,
-63.6123, 103.4588

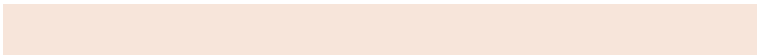
Harmonies

Analogous

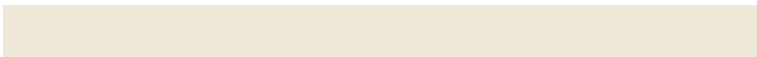
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.8340, -4.8482, 15.0546



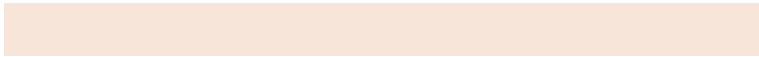
233.1280, -7.4581, 12.1657



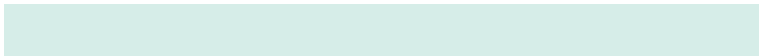
232.2690, -8.0206, 5.9031

Triad

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



233.1280, -7.4581, 12.1657



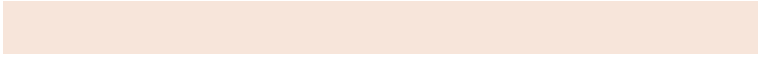
229.5530, 1.2064, -13.6400



233.1340, 6.8359, 0.7595

Complementary

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



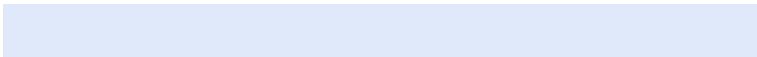
233.1280, -7.4581, 12.1657



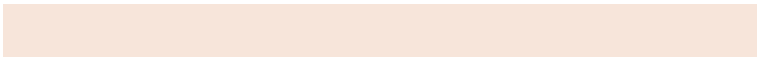
231.8720, 7.4581, -12.1657

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.



232.1330, 8.3154, -7.1326



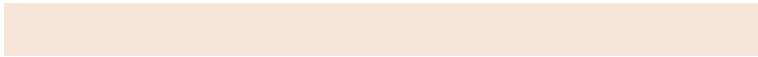
233.1280, -7.4581, 12.1657



229.8670, 4.9956, -15.6694

Square

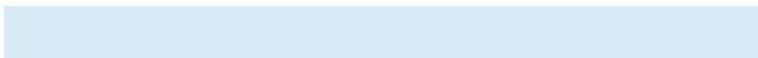
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.1280, -7.4581, 12.1657



230.1470, -3.0305, -8.0219



230.5730, 7.6055, -12.7805



234.2660, 3.3199, 8.5367

Rectangle

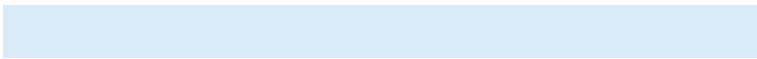
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.1280, -7.4581, 12.1657



231.1760, -6.9888, 1.5996



230.5730, 7.6055, -12.7805



232.9380, 7.4256, -1.6996

Sweetspot

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



233.1280, -7.4581, 12.1657



250.3380, -2.6316, 4.0886



228.7230, 3.5876, 16.0289



124.8540, -1.9000, 2.7590



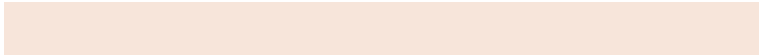
0.0000, 0.0000, 0.0000



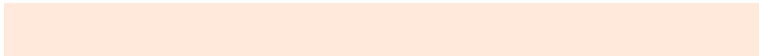
128.0000, 0.0000, 0.0000

Same Dimension

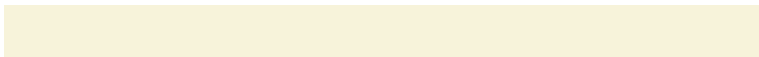
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.1280, -7.4581, 12.1657



237.9820, -9.3581, 14.9248



241.3460, -11.5096, 4.9586



116.5230, -3.2158, 4.8033



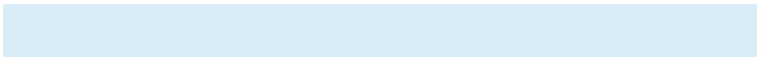
97.2910, -47.9645, 77.7978



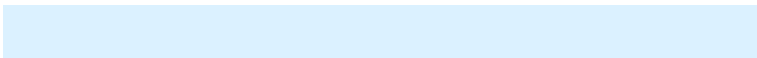
30.5550, -15.0636, 24.9463

Inverse Universe

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



231.8720, 7.4581, -12.1657



236.0180, 9.3581, -14.9248



223.6540, 11.5096, -4.9586



116.0640, 2.9264, -5.3181



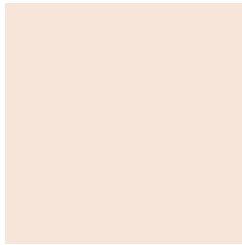
89.2960, 47.6751, -78.3126



27.8580, 15.3530, -24.4315

Previews

White Background



This preview shows how the YUV color 233.1280, -7.4581, 12.1657 looks on a white background.

Color Contrast Check

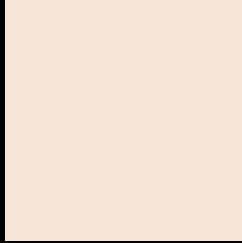
Large Text (above 18pt) WCAG AA × Fail

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 233.1280, -7.4581, 12.1657 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 233.1280, -7.4581, 12.1657

Background



This preview shows how black text looks on a background with the YUV color 233.1280, -7.4581, 12.1657.

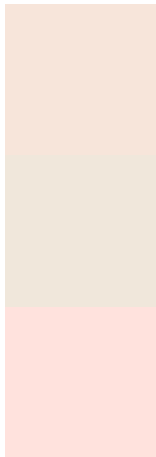


This preview shows how white text looks on a background with the YUV color 233.1280, -7.4581,

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

233.1280, -7.4581, 12.1657

Protanopia

232.3230, -6.5682, 6.7327

Deuteranopia

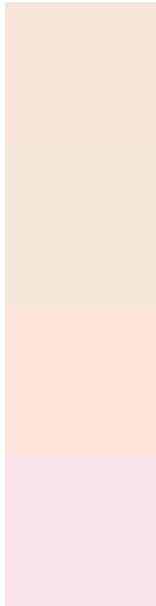
234.1010, -6.4588, 18.3284



Tritanopia

234.5270, 4.1772, 13.5698

Trichromacy



Original Color

233.1280, -7.4581, 12.1657

Protanomaly

232.6330, -6.7211, 9.0919

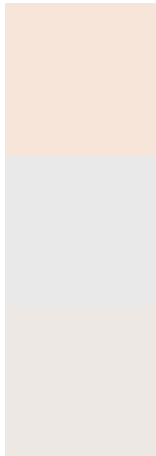
Deuteranomaly

233.6770, -6.7428, 16.0693

Tritanomaly

233.7890, 0.1040, 13.3400

Monochromacy



Original Color

233.1280, -7.4581, 12.1657

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.3380, -2.6316, 4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.1280, -7.4581, 12.1657 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, 229, 218)` looks like.

```
.text, #text, p{  
    color:rgb(247, 229, 218)  
}
```

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, 229, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 229, 218) }
```

Border

The CSS property to change the border of an element to YUV 233.1280, -7.4581, 12.1657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

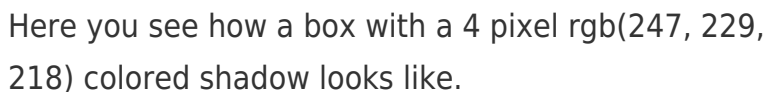
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 229, 218) }
```


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

```
.border{ border-color:rgb(247, 229, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 229, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 229, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 229, 218); box-shadow:4px 4px 4px 4px rgb(247, 229, 218) }
```

Background

The CSS property to change the background color of an element to YUV 233.1280, -7.4581, 12.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 229, 218) }
```

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

```
.background{ background-color: rgb(247,  
229, 218) }
```

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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