

Converting Colors

YUV(232.4700, -6.1477,
11.8658)

Have a look what the booklet for
YUV(232.4700, -6.1477, 11.8658)
contains.

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Color

**YUV(232.4700, -6.1477,
11.8658)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E4DC
RGB	246, 228, 220
RGB Percent	96%, 89%, 86%
CMY	0.0353, 0.1059, 0.1373
CMYK	0.00, 0.07, 0.11, 0.04
HSL	18°, 59%, 91%
HSV	18°, 11%, 96%
XYZ	78.6677, 80.2469, 79.0531
YIQ	232.4700, 13.2960, 1.3280

Conversions

Conversions Part 2

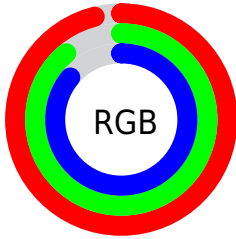
Format	Color
R _Y B	246, 232, 220
Decimal	16180444
CIE Lab	91.80, 4.81, 6.10
CIE LCh	92, 7.770, 51.713
Yxy	80.2469, 0.3306, 0.3372
Android (android.graphics.Color)	4294370524 (0xFF6E4DC)
YUV	232.4700, -6.1477, 11.8658
Hunter-Lab	89.5807, -0.0115, 10.3842

Details

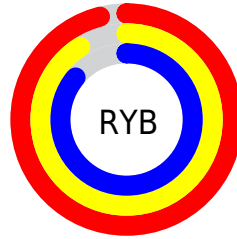
The YUV color $232.4700, -6.1477, 11.8658$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.5300, 6.1477, -11.8658$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.1710, -6.0003, 11.2510$ is the 20% darker color. If you saturate the color by 10%, you get $219.6410, -12.1480, 23.1168$, and if you desaturate by 10%, it is $245.2990, -0.1474, 0.6148$.

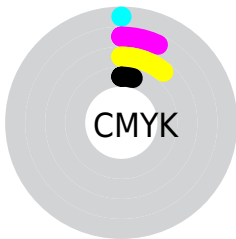
Distribution



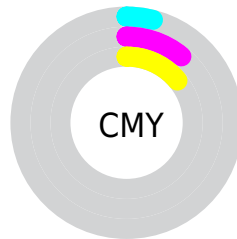
- Red (96%)
- Green (89%)
- Blue (86%)



- Red (96%)
- Yellow (91%)
- Blue (86%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (4%)




- Cyan (4%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 232.4700, -6.1477, 11.8658 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 232.4700, -6.1477, 11.8658 by changing the saturation by 10% instead.

 232.4700, -6.1477,
11.8658

 232.4700, -6.1477,
11.8658


255.0000, 0.0000,
0.0000


 204.1710, -6.0003,
11.2510

 177.1710, -6.0003,
11.2510

 149.9860, -5.4161,
10.5363

 123.9860, -5.4161,
10.5363

 99.6870, -5.2687,
9.9215

 75.3880, -5.1213,
9.3067

 52.5020, -4.6845,

9.2067

■ 31.6050, -4.2423,
7.3624

■ 7.7410, -3.8163,
10.7511

■ 232.4700, -6.1477,
11.8658

■ 232.4700, -6.1477,
11.8658

■ 219.6410,
-12.1480, 23.1168

■ 245.2990, -0.1474,
0.6148

■ 206.9260,
-17.7115, 34.2679

■ 252.3090, 1.3267,
-5.5330

■ 194.0970,
-23.7118, 45.5189

■ 181.3820,
-29.2753, 56.6700

■ 168.5530,
-35.2756, 67.9210

■ 155.7240,
-41.2759, 79.1721

■ 143.0090,
-46.8394, 90.3231

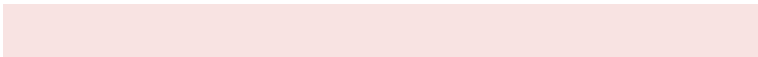
■ 130.1800,
-52.8397, 101.5741

■ 118.1660,
-58.2558, 112.1104

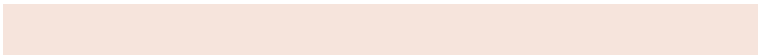
Harmonies

Analogous

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



233.1650, -3.5323, 13.0103



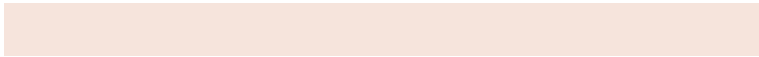
232.4700, -6.1477, 11.8658



231.5080, -7.1524, 7.4475

Triad

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



232.4700, -6.1477, 11.8658



229.2220, -0.1094, -11.5957



232.0090, 6.4046, -0.8849

Complementary

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



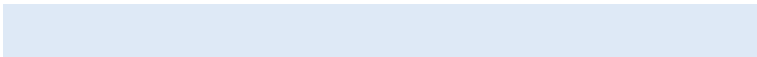
232.4700, -6.1477, 11.8658



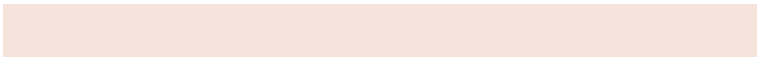
233.5300, 6.1477, -11.8658

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.



231.1930, 7.2999, -8.0623



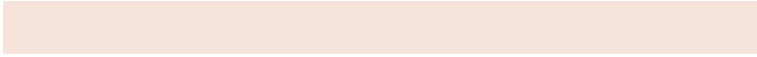
232.4700, -6.1477, 11.8658



229.2370, 3.8272, -14.2398

Square

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



232.4700, -6.1477, 11.8658



229.9300, -3.9095, -6.0776



229.9320, 6.4425, -13.0954



232.7710, 4.0569, 5.4628

Rectangle

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



232.4700, -6.1477, 11.8658



231.1870, -6.9942, 3.3440



229.9320, 6.4425, -13.0954



231.8130, 6.9942, -3.3440

Sweetspot

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



232.4700, -6.1477, 11.8658



251.1530, -2.0474, 3.3738



229.8260, 4.0298, 14.1846



124.9680, -1.4632, 2.6591



0.0000, 0.0000, 0.0000



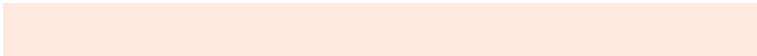
128.0000, 0.0000, 0.0000

Same Dimension

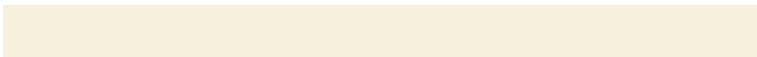
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.4700, -6.1477, 11.8658



237.7370, -7.7583, 15.1397



240.1010, -9.9098, 5.1734



115.9360, -2.9264, 5.3181



89.0730, -43.9130, 85.0050



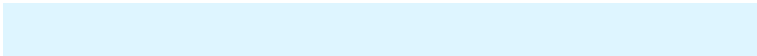
28.2070, -13.9061, 27.0055

Inverse Universe

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



233.5300, 6.1477, -11.8658



239.2630, 7.7583, -15.1397



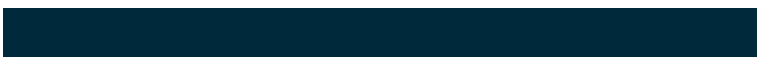
225.8990, 9.9098, -5.1734



116.6510, 2.6371, -5.8329



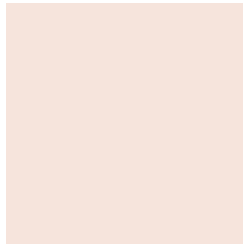
96.9270, 43.9130, -85.0050



30.7930, 13.9061, -27.0055

Previews

White Background



This preview shows how the YUV color 232.4700, -6.1477, 11.8658 looks on a white background.

Color Contrast Check

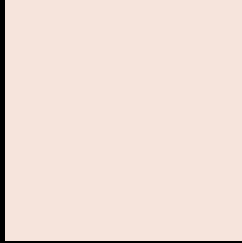
Large Text (above 18pt) WCAG AA × Fail

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 232.4700, -6.1477, 11.8658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

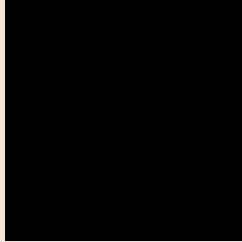
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

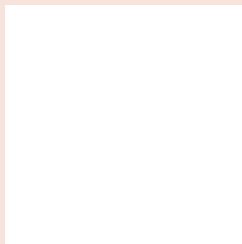
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.4700, -6.1477, 11.8658

Background



This preview shows how black text looks on a background with the YUV color 232.4700, -6.1477, 11.8658.



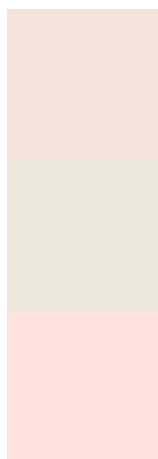
This preview shows how white text looks on a background with the YUV color 232.4700, -6.1477,

11.8658.

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

232.4700, -6.1477, 11.8658

Protanopia

231.9530, -5.3998, 5.3032

Deuteranopia

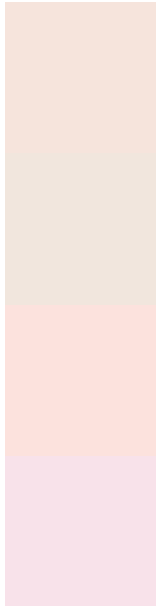
233.6280, -5.7326, 18.7432



Tritanopia

234.1140, 3.8878, 13.0550

Trichromacy



Original Color

232.4700, -6.1477, 11.8658

Protanomaly

232.2630, -5.5527, 7.6623

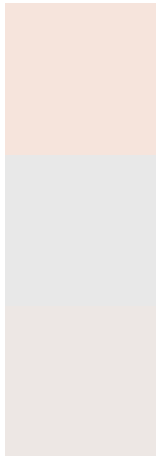
Deuteranomaly

233.2040, -6.0166, 16.4841

Tritanomaly

233.4900, 0.2514, 12.7253

Monochromacy



Original Color

232.4700, -6.1477, 11.8658

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

232.4520, -2.1948, 3.9886

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.4700, -6.1477, 11.8658 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(246, 228, 220)` looks like.

```
.text, #text, p{  
    color:rgb(246, 228, 220)  
}
```

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(246, 228, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 228, 220) }
```

Border

The CSS property to change the border of an element to YUV 232.4700, -6.1477, 11.8658 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(246, 228, 220) }
```


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

```
.border{ border-color:rgb(246, 228, 220) }
```

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

Here you see how a box with a 4 pixel rgb(246, 228, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 228, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 228, 220);  
box-shadow:4px 4px 4px 4px rgb(246, 228,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 232.4700, -6.1477, 11.8658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 228, 220) }
```

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

```
.background{ background-color: rgb(246,  
228, 220) }
```

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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