

Converting Colors

YUV(227.3530, -12.0060,
24.2464)

Have a look what the booklet for
YUV(227.3530, -12.0060, 24.2464)
contains.

YUV(227.3530, -12.0060, 24.2464)	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(227.3530, -12.0060,
24.2464)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDACB
RGB	255, 218, 203
RGB Percent	100%, 85%, 80%
CMY	0.0000, 0.1451, 0.2039
CMYK	0.00, 0.15, 0.20, 0.00
HSL	17°, 100%, 90%
HSV	17°, 20%, 100%
XYZ	77.0909, 75.7146, 67.0512
YIQ	227.3530, 26.8670, 3.1790

Conversions

Conversions Part 2

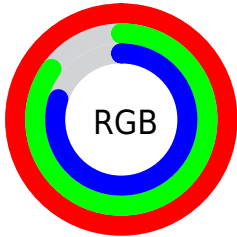
Format	Color
R _Y B	255, 224, 203
Decimal	16767691
CIE Lab	89.73, 10.57, 12.13
CIE LCh	90, 16.093, 48.926
Yxy	75.7146, 0.3506, 0.3444
Android (android.graphics.Color)	4294957771 (0xFFFFDACB)
YUV	227.3530, -12.0060, 24.2464
Hunter-Lab	87.0141, 5.8688, 15.2223

Details

The YUV color $227.3530, -12.0060, 24.2464$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $230.6470, 12.0060, -24.2464$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.8690, -11.2744, 22.9169$ is the 20% darker color. If you saturate the color by 10%, you get $213.9370, -17.7169, 36.0123$, and if you desaturate by 10%, it is $240.7690, -6.2951, 12.4806$.

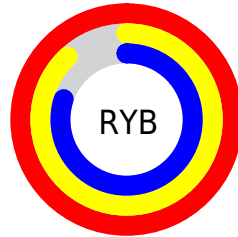
Distribution



Red (100%)

Green (85%)

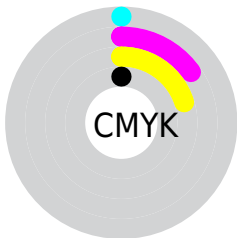
Blue (80%)



Red (100%)

Yellow (88%)

Blue (80%)

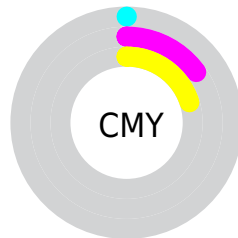


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.3530, -12.0060, 24.2464 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 227.3530, -12.0060, 24.2464 by changing the saturation by 10% instead.

227.3530,
-12.0060, 24.2464

227.3530,
-12.0060, 24.2464

255.0000, 0.0000,
0.0000

199.1680,
-11.4218, 23.5317

171.8690,
-11.2744, 22.9169

145.2710,
-10.9796, 21.6873

119.0860,
-10.3954, 20.9726

94.4880, -10.1006,
19.7430

71.0040, -9.3690,
18.4135

47.6340, -8.2006,

16.9840

■ 26.4660, -10.0897,
16.2543

■ 6.2790, -3.0955,
12.9103

■ 227.3530,
-12.0060, 24.2464

■ 227.3530,
-12.0060, 24.2464

■ 213.9370,
-17.7169, 36.0123

■ 240.7690, -6.2951,
12.4806

■ 200.4070,
-23.8647, 47.8781

254.2990, -0.1474,
0.6148

■ 186.8770,
-30.0124, 59.7439

255.0000, 0.0000,
0.0000

■ 172.8740,
-35.4339, 72.0245

■ 159.3440,
-41.5816, 83.8903

■ 145.9280,
-47.2925, 95.6561

■ 132.3980,
-53.4402, 107.5220

■ 119.6830,
-59.0037, 118.6730

Harmonies

Analogous

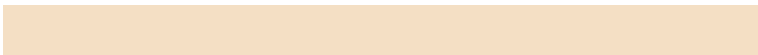
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.0740, -5.4595, 24.4911



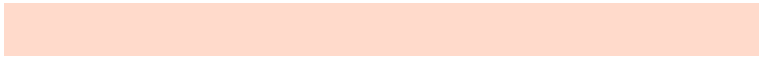
227.3530, -12.0060, 24.2464



226.2010, -14.8891, 15.6097

Triad

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



227.3530, -12.0060, 24.2464



220.6290, -0.8031, -22.4766



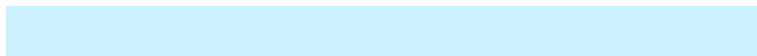
226.5230, 13.5462, -4.8437

Complementary

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



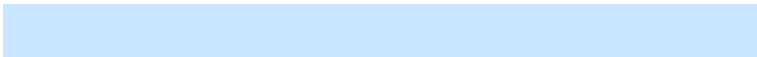
227.3530, -12.0060, 24.2464



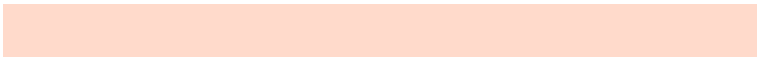
230.6470, 12.0060, -24.2464

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.



223.8910, 15.3367, -19.1984



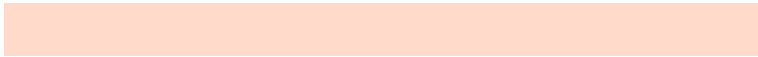
227.3530, -12.0060, 24.2464



220.6480, 7.0755, -29.5093

Square

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



227.3530, -12.0060, 24.2464



222.3440, -8.5506, -10.8257



221.5540, 13.0379, -28.5499



228.3570, 8.6980, 10.2109

Rectangle

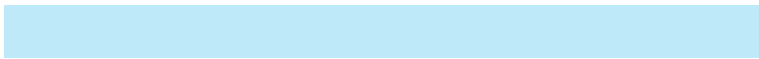
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.3530, -12.0060, 24.2464



224.5590, -14.5726, 7.4028



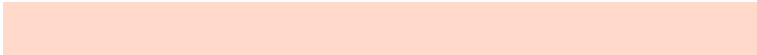
221.5540, 13.0379, -28.5499



225.4300, 14.5780, -9.1471

Sweetspot

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



227.3530, -12.0060, 24.2464



246.8330, -3.3687, 7.1625



222.7660, 8.4964, 28.2692



122.8650, -1.9054, 4.5034



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.



227.3530, -12.0060, 24.2464



222.2180, -13.9115, 28.7498



242.6150, -19.5302, 10.8616



120.6480, -2.7845, 6.4477



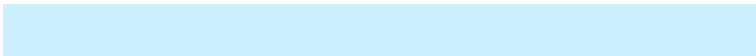
89.3940, -44.0712, 89.1085



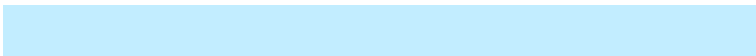
29.7020, -14.6431, 30.0793

Inverse Universe

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



230.6470, 12.0060, -24.2464



226.1950, 14.2009, -28.2350



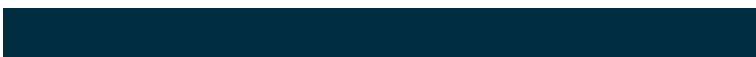
215.3850, 19.5302, -10.8616



121.7650, 3.0739, -5.9329



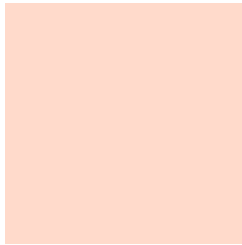
101.6060, 44.0712, -89.1085



33.7110, 14.9325, -29.5645

Previews

White Background



This preview shows how the YUV color 227.3530, -12.0060, 24.2464 looks on a white background.

Color Contrast Check

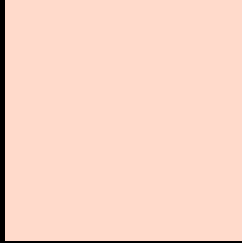
Large Text (above 18pt) WCAG AA × Fail

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 227.3530, -12.0060, 24.2464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

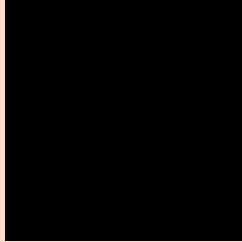
Any Text WCAG AA ✓ Pass

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 227.3530, -12.0060, 24.2464 Background



This preview shows how black text looks on a background with the YUV color 227.3530, -12.0060, 24.2464.

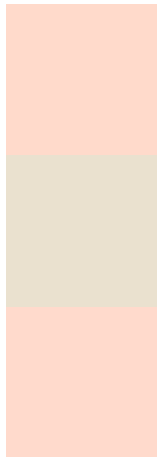


This preview shows how white text looks on a background with the YUV color 227.3530, -12.0060,

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

227.3530, -12.0060, 24.2464

Protanopia

225.6390, -9.1890, 7.3326

Deuteranopia

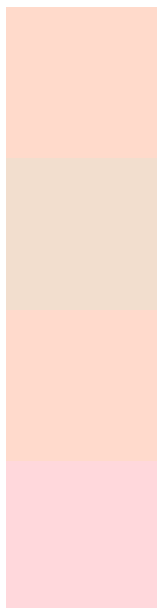
227.4670, -11.5692, 24.1464



Tritanopia

228.6700, 0.6557, 23.0914

Trichromacy



Original Color

227.3530, -12.0060, 24.2464

Protanomaly

226.1560, -9.9369, 13.8952

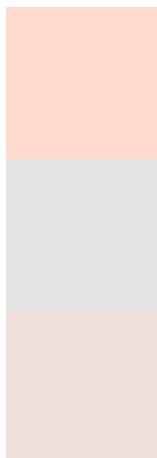
Deuteranomaly

227.4670, -11.5692, 24.1464

Tritanomaly

228.1170, -4.0017, 23.5764

Monochromacy



Original Color

227.3530, -12.0060, 24.2464

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.2030, -4.5371, 8.5920

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.3530, -12.0060, 24.2464 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(255, 218, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 203)  
}
```

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(255, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 203) }
```

Border

The CSS property to change the border of an element to YUV 227.3530, -12.0060, 24.2464 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(255, 218, 203) }
```


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

```
.border{ border-color:rgb(255, 218, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 227.3530, -12.0060, 24.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 203) }
```

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

```
.background{ background-color: rgb(255,  
218, 203) }
```

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