

Converting Colors

YUV(233.9070, -12.2792,
18.4986)

Have a look what the booklet for
YUV(233.9070, -12.2792, 18.4986)
contains.

YUV(233.9070, -12.2792, 18.4986)	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(233.9070, -12.2792,
18.4986)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4D1
RGB	255, 228, 209
RGB Percent	100%, 89%, 82%
CMY	0.0000, 0.1059, 0.1804
CMYK	0.00, 0.11, 0.18, 0.00
HSL	25°, 100%, 91%
HSV	25°, 18%, 100%
XYZ	80.4920, 81.3503, 71.7814
YIQ	233.9070, 22.1910, -0.1850

Conversions

Conversions Part 2

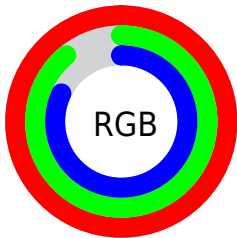
Format	Color
R _Y B	255, 241, 209
Decimal	16770257
CIE Lab	92.29, 6.30, 12.64
CIE LCh	92, 14.118, 63.517
Yxy	81.3503, 0.3445, 0.3482
Android (android.graphics.Color)	4294960337 (0xFFFFE4D1)
YUV	233.9070, -12.2792, 18.4986
Hunter-Lab	90.1944, 1.4583, 15.9500

Details

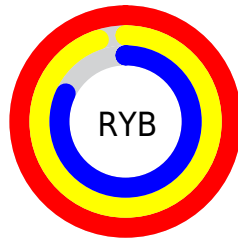
The YUV color $233.9070, -12.2792, 18.4986$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $230.0930, 12.2792, -18.4986$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.4230, -11.5475, 17.1690$ is the 20% darker color. If you saturate the color by 10%, you get $222.1380, -19.2950, 28.8200$, and if you desaturate by 10%, it is $245.6760, -5.2633, 8.1771$.

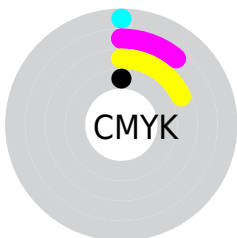
Distribution



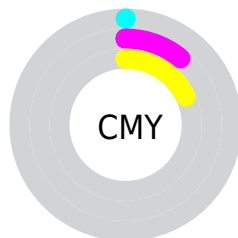
- Red (100%)
- Green (89%)
- Blue (82%)



- Red (100%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.9070, -12.2792, 18.4986 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 233.9070, -12.2792, 18.4986 by changing the saturation by 10% instead.

233.9070,
-12.2792, 18.4986

233.9070,
-12.2792, 18.4986

255.0000, 0.0000,
0.0000

205.6080,
-12.1317, 17.8838

178.4230,
-11.5475, 17.1690

151.2380,
-10.9633, 16.4543

125.2380,
-10.9633, 16.4543

100.6400,
-10.6685, 15.2247

76.1560, -9.9369,
13.8952

53.0850, -8.9159,

13.0805

■ 31.4870, -8.6211,
11.8509

■ 8.9370, -4.4059,
13.2103

■ 233.9070,
-12.2792, 18.4986

■ 233.9070,
-12.2792, 18.4986

■ 222.1380,
-19.2950, 28.8200

■ 245.6760, -5.2633,
8.1771

■ 210.4830,
-25.8741, 39.0414

255.0000, 0.0000,
0.0000

■ 198.7140,
-32.8900, 49.3628

■ 187.0590,
-39.4691, 59.5843

■ 175.4040,
-46.0482, 69.8057

■ 163.6350,
-53.0641, 80.1271

■ 151.8660,
-60.0799, 90.4485

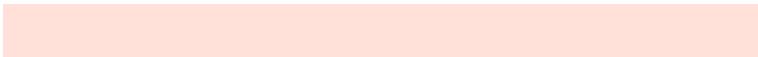
■ 140.2110,
-66.6590, 100.6700

■ 137.8800,
-67.9748, 102.7142

Harmonies

Analogous

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



233.1720, -7.4798, 19.1432



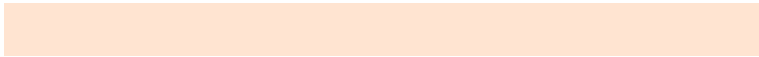
233.9070, -12.2792, 18.4986



232.3250, -12.9782, 9.3620

Triad

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



233.9070, -12.2792, 18.4986



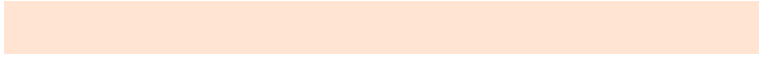
228.2420, 2.8387, -23.8912



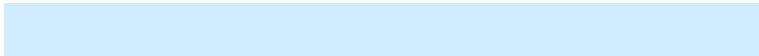
234.6550, 10.0301, 2.9336

Complementary

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



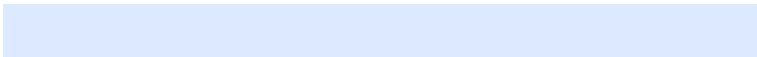
233.9070, -12.2792, 18.4986



230.0930, 12.2792, -18.4986

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.



231.9200, 11.3784, -9.5768



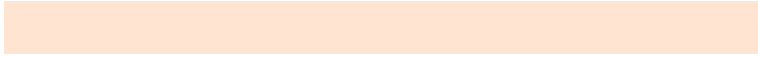
233.9070, -12.2792, 18.4986



228.5390, 9.1013, -25.9057

Square

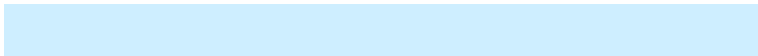
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.9070, -12.2792, 18.4986



229.3480, -4.6086, -15.2142



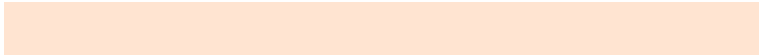
230.3700, 12.1426, -21.3725



235.3530, 4.7560, 14.5994

Rectangle

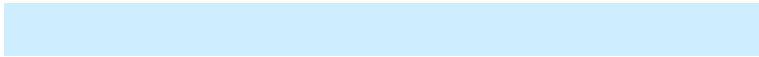
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.9070, -12.2792, 18.4986



231.0250, -11.3513, 0.8551



230.3700, 12.1426, -21.3725



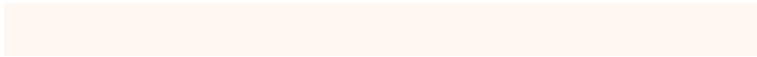
233.4480, 10.6251, -1.2699

Sweetspot

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



233.9070, -12.2792, 18.4986



249.4090, -3.6526, 4.9033



225.9460, 5.4496, 25.4804



124.1530, -2.0474, 3.3738



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.



233.9070, -12.2792, 18.4986



229.2450, -14.9108, 22.5871



246.8210, -18.6458, 7.1730



121.8220, -3.3632, 5.4181



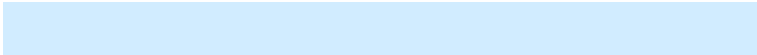
103.4820, -51.0166, 76.7533



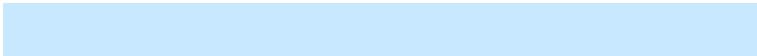
34.3980, -16.9582, 25.9610

Inverse Universe

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



230.0930, 12.2792, -18.4986



224.7550, 14.9108, -22.5871



217.1790, 18.6458, -7.1730



120.5910, 3.6526, -4.9033



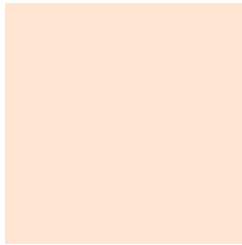
87.5180, 51.0166, -76.7533



29.0150, 17.2476, -25.4462

Previews

White Background



This preview shows how the YUV color 233.9070, -12.2792, 18.4986 looks on a white background.

Color Contrast Check

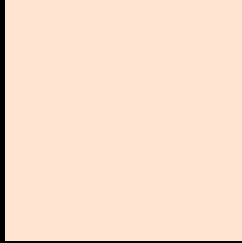
Large Text (above 18pt) WCAG AA × Fail

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 233.9070, -12.2792, 18.4986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

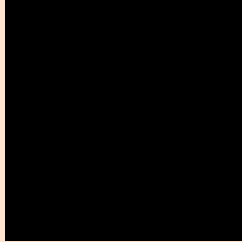
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.9070, -12.2792, 18.4986

Background



This preview shows how black text looks on a background with the YUV color 233.9070, -12.2792, 18.4986.



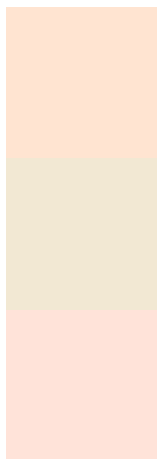
This preview shows how white text looks on a background with the YUV color 233.9070, -12.2792, 18.4986.

18.4986.

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

233.9070, -12.2792, 18.4986

Protanopia

232.5960, -10.6468, 8.2473

Deuteranopia

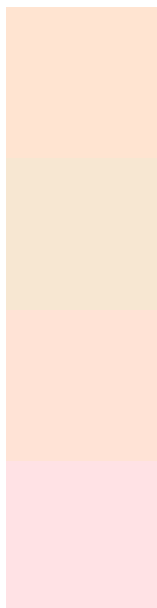
234.2320, -8.4954, 18.2135



Tritanopia

235.6800, 2.1298, 16.9436

Trichromacy



Original Color

233.9070, -12.2792, 18.4986

Protanomaly

233.3900, -11.5313, 11.9360

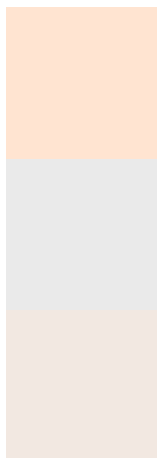
Deuteranomaly

233.8900, -9.8058, 18.5135

Tritanomaly

235.0130, -2.9644, 17.5286

Monochromacy



Original Color

233.9070, -12.2792, 18.4986

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

234.1920, -4.5317, 6.8476

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.9070, -12.2792, 18.4986 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, 228, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 209)  
}
```

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, 228, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 209) }
```

Border

The CSS property to change the border of an element to YUV 233.9070, -12.2792, 18.4986 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, 228, 209) }
```


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

```
.border{ border-color:rgb(255, 228, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 233.9070, -12.2792, 18.4986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 209) }
```

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

```
.background{ background-color: rgb(255,  
228, 209) }
```

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