

Converting Colors

YUV(221.1120, -23.2262,
29.7198)

Have a look what the booklet for
YUV(221.1120, -23.2262, 29.7198)
contains.

YUV(221.1120, -23.2262, 29.7198)	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(221.1120, -23.2262,
29.7198)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5AE
RGB	255, 213, 174
RGB Percent	100%, 84%, 68%
CMY	0.0000, 0.1647, 0.3176
CMYK	0.00, 0.16, 0.32, 0.00
HSL	29°, 100%, 84%
HSV	29°, 32%, 100%
XYZ	72.6742, 71.9045, 50.0930
YIQ	221.1120, 37.5510, -3.2250

Conversions

Conversions Part 2

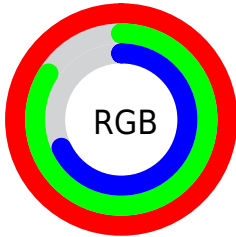
Format	Color
R _Y B	255, 249, 174
Decimal	16766382
CIE Lab	87.92, 9.27, 24.78
CIE LCh	88, 26.458, 69.491
Yxy	71.9045, 0.3733, 0.3694
Android (android.graphics.Color)	4294956462 (0xFFFFD5AE)
YUV	221.1120, -23.2262, 29.7198
Hunter-Lab	84.7965, 4.5882, 24.3324

Details

The YUV color $221.1120, -23.2262, 29.7198$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $207.8880, 23.2262, -29.7198$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.1500, -10.9200, 2.4994$, and $165.4430, -21.9104, 27.6755$ is the 20% darker color. If you saturate the color by 10%, you get $210.5170, -30.8209, 39.0116$, and if you desaturate by 10%, it is $231.7070, -15.6316, 20.4280$.

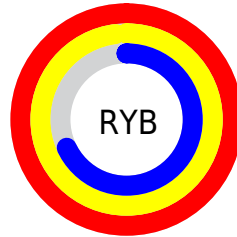
Distribution



Red (100%)

Green (84%)

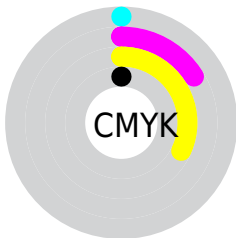
Blue (68%)



Red (100%)

Yellow (98%)

Blue (68%)

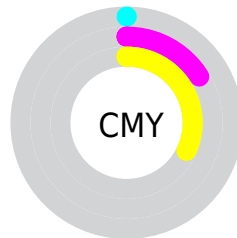


Cyan (0%)

Magenta (16%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.1120, -23.2262, 29.7198 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 221.1120, -23.2262, 29.7198 by changing the saturation by 10% instead.

221.1120,
-23.2262, 29.7198

221.1120,
-23.2262, 29.7198

255.0000, 0.0000,
0.0000

192.9270,
-22.6420, 29.0050

252.1500,
-10.9200, 2.4994

165.4430,
-21.9104, 27.6755

138.9590,
-21.1788, 26.3460

113.4750,
-20.4472, 25.0164

88.6920, -19.5682,
23.0721

64.9090, -18.6891,
21.1278

41.7840, -19.1205,

19.4834

■ 22.5260, -11.1053,
15.3247

■ 0.2990, -0.1474,
0.6148

■ 221.1120,
-23.2262, 29.7198

■ 221.1120,
-23.2262, 29.7198

■ 210.5170,
-30.8209, 39.0116

■ 231.7070,
-15.6316, 20.4280

■ 200.0360,
-37.9787, 48.2034

■ 242.1880, -8.4737,
11.2361

■ 188.9680,
-44.8472, 57.9101

■ 253.3700, -1.1684,
1.4295

■ 178.3730,
-52.4419, 67.2019

255.0000, 0.0000,
0.0000

■ 167.8920,
-59.5998, 76.3937

■ 157.2970,
-67.1944, 85.6855

■ 148.4460,
-73.1839, 93.4479

Harmonies

Analogous

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



218.8270, -14.2117, 31.7237



221.1120, -23.2262, 29.7198



218.2900, -23.3140, 11.1467

Triad

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



221.1120, -23.2262, 29.7198



209.9830, 8.8824, -49.0971



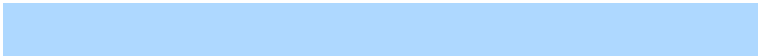
223.1920, 15.6813, 10.3556

Complementary

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



221.1120, -23.2262, 29.7198



207.8880, 23.2262, -29.7198

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.



218.6080, 17.9413, -14.5652



221.1120, -23.2262, 29.7198



210.6480, 20.3865, -52.3113

Square

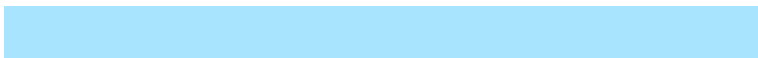
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.1120, -23.2262, 29.7198



212.1240, -4.9911, -32.5577



213.4370, 20.4906, -38.9712



223.8260, 7.4808, 27.3396

Rectangle

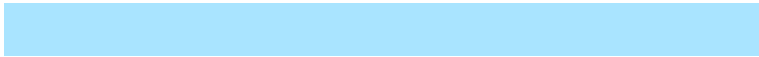
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.1120, -23.2262, 29.7198



216.4130, -19.9236, -2.9932



213.4370, 20.4906, -38.9712



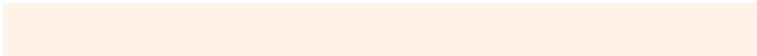
221.6640, 16.4346, 2.0487

Sweetspot

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



221.1120, -23.2262, 29.7198



244.5190, -7.1579, 9.1918



203.1210, 6.8423, 45.4979



121.4800, -4.6736, 5.7180



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.



221.1120, -23.2262, 29.7198



214.5920, -27.8999, 35.4378



244.0050, -34.5125, 9.6426



122.4090, -3.6526, 4.9033



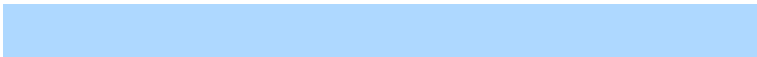
111.1130, -54.7787, 70.0609



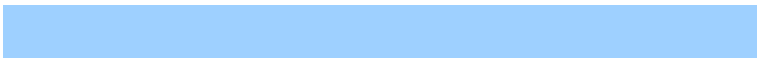
37.3330, -18.4052, 23.3870

Inverse Universe

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



207.8880, 23.2262, -29.7198



198.4080, 27.8999, -35.4378



184.9950, 34.5125, -9.6426



120.0040, 3.9420, -4.3885



79.8870, 54.7787, -70.0609



26.6670, 18.4052, -23.3870

Previews

White Background



This preview shows how the YUV color 221.1120, -23.2262, 29.7198 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 221.1120, -23.2262, 29.7198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

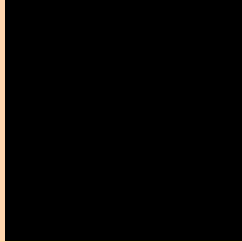
Any Text WCAG AA ✓ Pass

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 221.1120, -23.2262, 29.7198 Background



This preview shows how black text looks on a background with the YUV color 221.1120, -23.2262, 29.7198.



This preview shows how white text looks on a background with the YUV color 221.1120, -23.2262, 29.7198.

29.7198.

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

221.1120, -23.2262, 29.7198

Protanopia

219.2840, -20.8460, 12.9059

Deuteranopia

221.6820, -21.0422, 29.2199



Tritanopia

223.6490, -0.8130, 27.4948

Trichromacy



Original Color

221.1120, -23.2262, 29.7198

Protanomaly

219.8010, -21.5939, 19.4685

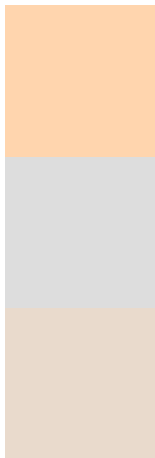
Deuteranomaly

221.4540, -21.9158, 29.4198

Tritanomaly

222.8850, -8.8173, 28.1649

Monochromacy



Original Color

221.1120, -23.2262, 29.7198

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8890, -8.3263, 10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.1120, -23.2262, 29.7198 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, 213, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 174)  
}
```

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, 213, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 174) }
```

Border

The CSS property to change the border of an element to YUV 221.1120, -23.2262, 29.7198 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, 213, 174) }
```


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

```
.border{ border-color:rgb(255, 213, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 213, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 221.1120, -23.2262, 29.7198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 174) }
```

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

```
.background{ background-color: rgb(255,  
213, 174) }
```

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