

# Converting Colors

YUV(227.1760, -20.2998,  
24.4016)

Have a look what the booklet for  
YUV(227.1760, -20.2998, 24.4016)  
contains.

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# Color

**YUV(227.1760, -20.2998,  
24.4016)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDDBA
RGB	255, 221, 186
RGB Percent	100%, 87%, 73%
CMY	0.0000, 0.1333, 0.2706
CMYK	0.00, 0.13, 0.27, 0.00
HSL	30°, 100%, 86%
HSV	30°, 27%, 100%
XYZ	75.9594, 76.5181, 57.2203
YIQ	227.1760, 31.4990, -3.6770

# Conversions

## Conversions Part 2

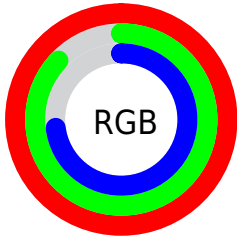
Format	Color
RYP	253, 255, 186
Decimal	16768442
CIELab	90.10, 6.67, 21.53
CIELCh	90, 22.544, 72.778
Yxy	76.5181, 0.3622, 0.3649
Android (android.graphics.Color)	4294958522 (0xFFFFDDBA)
YUV	227.1760, -20.2998, 24.4016
Hunter-Lab	87.4746, 1.9215, 22.4485

# Details

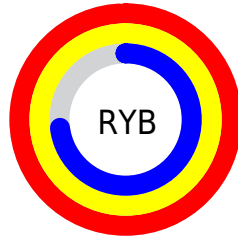
The YUV color  $227.1760, -20.2998, 24.4016$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $213.8240, 20.2998, -24.4016$ , and the grayscale version is  $227.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.5180, -5.6784, 1.2997$ , and  $171.5070, -18.9840, 22.3574$  is the 20% darker color. If you saturate the color by 10%, you get  $216.6950, -27.4576, 33.5935$ , and if you desaturate by 10%, it is  $237.6570, -13.1419, 15.2098$ .

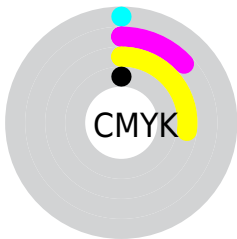
# Distribution



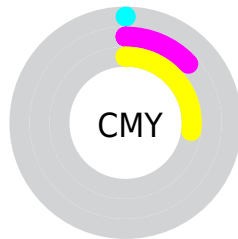
- Red (100%)
- Green (87%)
- Blue (73%)



- Red (99%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (13%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 227.1760, -20.2998, 24.4016 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 227.1760, -20.2998, 24.4016 by changing the saturation by 10% instead.





 227.1760,  
-20.2998, 24.4016


 227.1760,  
-20.2998, 24.4016


255.0000, 0.0000,  
0.0000


 198.9910,  
-19.7156, 23.6869


 253.5180, -5.6784,  
1.2997

 171.5070,  
-18.9840, 22.3574

 145.2080,  
-18.8365, 21.7426

 119.1370,  
-17.8155, 20.9279

 94.3540, -16.9365,  
18.9835

 70.1690, -16.3523,  
18.2688

 47.3860, -15.4733,

16.3245

■ 26.9450, -13.2839,  
14.0802

■ 5.0830, -2.5059,  
10.4512

■ 227.1760,  
-20.2998, 24.4016

■ 227.1760,  
-20.2998, 24.4016

■ 216.6950,  
-27.4576, 33.5935

■ 237.6570,  
-13.1419, 15.2098

■ 206.6870,  
-35.3417, 42.3705

■ 247.6650, -5.2578,  
6.4328

■ 196.0920,  
-42.9364, 51.6623

255.0000, 0.0000,  
0.0000

■ 186.1980,  
-50.3836, 60.3394

■ 175.6030,  
-57.9783, 69.6312

■ 165.7090,  
-65.4255, 78.3082

■ 155.2280,  
-72.5834, 87.5000

■ 151.9680,  
-74.9202, 90.3591

# Harmonies

## Analogous

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



225.0220, -13.3218, 26.2907



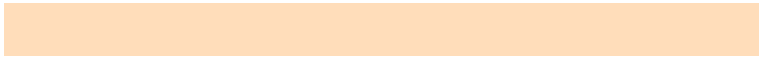
227.1760, -20.2998, 24.4016



224.8920, -19.6668, 7.9877

# Triad

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



227.1760, -20.2998, 24.4016



218.2120, 8.2765, -41.4049



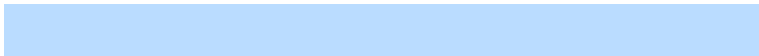
229.3940, 12.6238, 11.0555

# Complementary

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



227.1760, -20.2998, 24.4016



213.8240, 20.2998, -24.4016

# Split Complementary

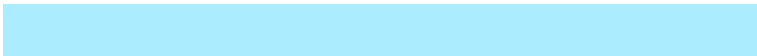
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.1310, 14.7254, -9.7619



227.1760, -20.2998, 24.4016



219.3180, 17.5912, -42.3749

# Square

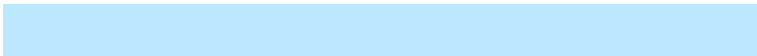
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.1760, -20.2998, 24.4016



219.6020, -3.2548, -29.4690



221.1670, 16.6797, -29.9645



228.6360, 5.6025, 23.1212



# Rectangle

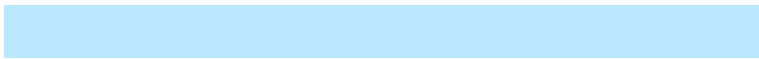
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.1760, -20.2998, 24.4016



223.0260, -16.2818, -4.4078



221.1670, 16.6797, -29.9645



227.8770, 13.3716, 4.4929

# Sweetspot

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



227.1760, -20.2998, 24.4016



246.8500, -5.8420, 7.1476



210.6210, 5.1168, 38.9204



122.4090, -3.6526, 4.9033



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.



227.1760, -20.2998, 24.4016



222.1720, -24.2418, 28.7902



247.1340, -30.1391, 6.8985



122.4090, -3.6526, 4.9033



114.0480, -56.2257, 67.4869

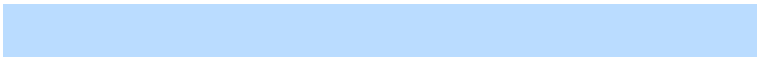


37.9200, -18.6946, 22.8722



# Inverse Universe

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



213.8240, 20.2998, -24.4016



206.4150, 23.9524, -29.3050



193.8660, 30.1391, -6.8985



120.0040, 3.9420, -4.3885



76.9520, 56.2257, -67.4869



25.4930, 18.9840, -22.3574



# Previews

## White Background



This preview shows how the YUV color 227.1760, -20.2998, 24.4016 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

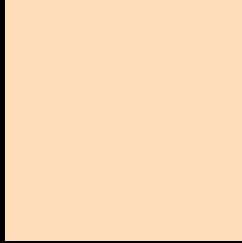
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 227.1760, -20.2998, 24.4016 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

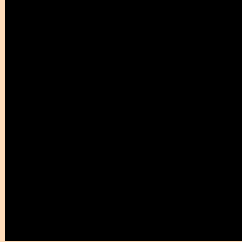
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 227.1760, -20.2998, 24.4016

## Background



This preview shows how black text looks on a background with the YUV color 227.1760, -20.2998, 24.4016.



This preview shows how white text looks on a background with the YUV color 227.1760, -20.2998, 24.4016.



# 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

227.1760, -20.2998, 24.4016

### Protanopia

225.6690, -18.0778, 11.6913

### Deuteranopia

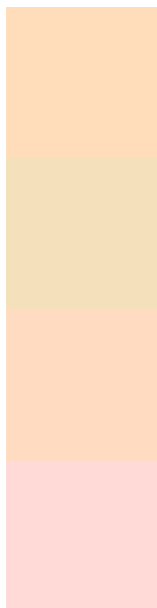
227.8430, -15.2056, 23.8167



## Tritanopia

229.9580, 0.5137, 21.9618

# Trichromacy



## Original Color

227.1760, -20.2998, 24.4016

## Protanomaly

226.1750, -18.8203, 16.5095

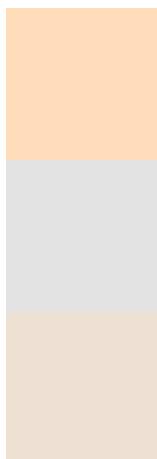
## Deuteranomaly

227.3870, -16.9528, 24.2166

## Tritanomaly

228.7210, -6.7645, 23.0467

# Monochromacy



## Original Color

227.1760, -20.2998, 24.4016

## Achromatopsia

227.0000, 0.0000, 0.0000

## Achromatomaly

227.1060, -7.4473, 8.6770

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 227.1760, -20.2998, 24.4016 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, 221, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 186)  
}
```

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, 221, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 186) }
```

## Border

The CSS property to change the border of an element to YUV 227.1760, -20.2998, 24.4016 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, 221, 186) }
```



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

```
.border{ border-color:rgb(255, 221, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
186) }
```

# Background

The CSS property to change the background color of an element to YUV 227.1760, -20.2998, 24.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 186) }
```

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

```
.background{ background-color: rgb(255,  
221, 186) }
```

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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