

Converting Colors

YUV(217.2150, -22.7840,
27.8754)

Have a look what the booklet for
YUV(217.2150, -22.7840, 27.8754)
contains.

YUV(217.2150, -22.7840, 27.8754)	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(217.2150, -22.7840,
27.8754)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D2AB
RGB	249, 210, 171
RGB Percent	98%, 82%, 67%
CMY	0.0235, 0.1765, 0.3294
CMYK	0.00, 0.16, 0.31, 0.02
HSL	30°, 87%, 82%
HSV	30°, 31%, 98%
XYZ	69.4642, 69.1732, 48.2187
YIQ	217.2150, 35.7630, -3.8610

Conversions

Conversions Part 2

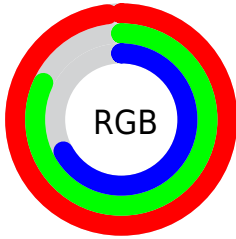
Format	Color
RYB	249, 249, 171
Decimal	16372395
CIELab	86.59, 8.18, 24.43
CIElCh	87, 25.767, 71.487
Yxy	69.1732, 0.3718, 0.3702
Android (android.graphics.Color)	4294562475 (0xFFFF9D2AB)
YUV	217.2150, -22.7840, 27.8754
Hunter-Lab	83.1704, 3.5355, 23.8455

Details

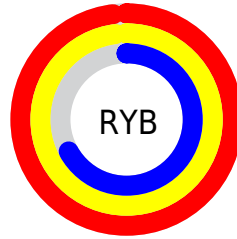
The YUV color $217.2150, -22.7840, 27.8754$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $202.7850, 22.7840, -27.8754$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, -12.6671, 2.8994$, and $162.2470, -21.3208, 25.2164$ is the 20% darker color. If you saturate the color by 10%, you get $207.3210, -30.2313, 36.5525$, and if you desaturate by 10%, it is $227.1090, -15.3367, 19.1984$.

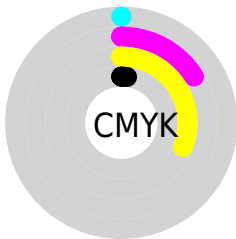
Distribution



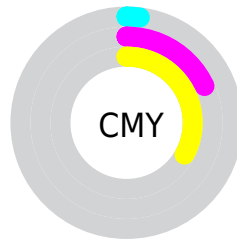
- Red (98%)
- Green (82%)
- Blue (67%)



- Red (98%)
- Yellow (98%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.2150, -22.7840, 27.8754 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 217.2150, -22.7840, 27.8754 by changing the saturation by 10% instead.


 217.2150,
-22.7840, 27.8754

 217.2150,
-22.7840, 27.8754

255.0000, 0.0000,
0.0000


 189.0300,
-22.1998, 27.1607


 251.6940,
-12.6671, 2.8994

 162.2470,
-21.3208, 25.2164

 136.0620,
-20.7366, 24.5016

 109.9910,
-19.7156, 23.6869

 85.2080, -18.8365,
21.7426

 61.4250, -17.9575,
19.7983

 39.0720, -19.2625,

18.3539

■ 20.1560, -9.9369,
13.8952

■ 0.0000, 0.0000,
0.0000

■ 217.2150,
-22.7840, 27.8754

■ 217.2150,
-22.7840, 27.8754

■ 207.3210,
-30.2313, 36.5525

■ 227.1090,
-15.3367, 19.1984

■ 196.8400,
-37.3891, 45.7443

■ 237.5900, -8.1789,
10.0066

■ 186.9460,
-44.8364, 54.4214

■ 247.4840, -0.7316,
1.3295

■ 176.4650,
-51.9942, 63.6132

■ 253.2060, 0.8844,
-3.6887

■ 166.6850,
-59.0047, 72.1903

■ 156.2040,
-66.1626, 81.3821

■ 147.8260,
-72.8782, 88.7296

Harmonies

Analogous

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



216.4960, -15.5275, 33.7680



217.2150, -22.7840, 27.8754



214.8060, -22.5824, 9.8171

Triad

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



217.2150, -22.7840, 27.8754



206.8090, 9.4612, -48.0675



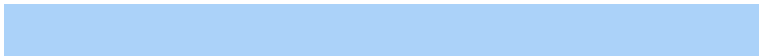
220.0180, 16.2601, 11.3852

Complementary

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



217.2150, -22.7840, 27.8754



202.7850, 22.7840, -27.8754

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.



215.9610, 19.2462, -13.1208



217.2150, -22.7840, 27.8754



207.5450, 19.9443, -50.4670

Square

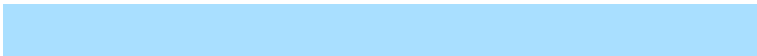
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.2150, -22.7840, 27.8754



208.9390, -4.4069, -33.2725



210.5020, 21.9375, -36.3973



220.7940, 6.0176, 29.9987

Rectangle

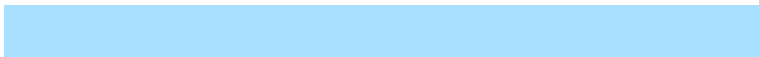
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.2150, -22.7840, 27.8754



212.7440, -18.6078, -5.0375



210.5020, 21.9375, -36.3973



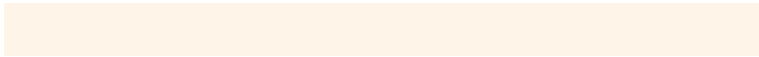
219.0170, 17.7396, 3.4931

Sweetspot

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



217.2150, -22.7840, 27.8754



245.9210, -6.8631, 7.9623



198.7680, 5.5374, 44.0535



121.5940, -4.2368, 5.6181



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.



217.2150, -22.7840, 27.8754



215.7660, -28.4786, 34.4082



240.1080, -34.0702, 7.7983



119.9960, -3.9420, 4.3885



111.6890, -55.0627, 67.8017



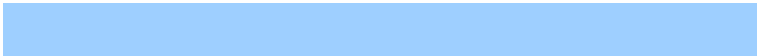
36.4360, -17.9629, 21.5426

Inverse Universe

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



202.7850, 22.7840, -27.8754



197.8210, 28.1892, -34.9230



179.8920, 34.0702, -7.7983



117.5910, 3.6526, -4.9033



76.7240, 55.3521, -67.2869



25.1510, 17.6736, -22.0574

Previews

White Background



This preview shows how the YUV color 217.2150, -22.7840, 27.8754 looks on a white background.

Color Contrast Check

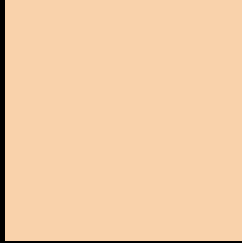
Large Text (above 18pt) WCAG AA × Fail

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 217.2150, -22.7840, 27.8754 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 217.2150, -22.7840, 27.8754 Background



This preview shows how black text looks on a background with the YUV color 217.2150, -22.7840, 27.8754.



This preview shows how white text looks on a background with the YUV color 217.2150, -22.7840, 27.8754.

27.8754.

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

217.2150, -22.7840, 27.8754

Protanopia

215.9850, -20.6986, 12.2912

Deuteranopia

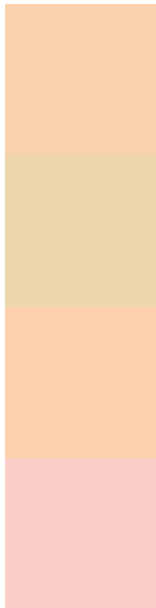
217.2370, -22.7948, 31.3642



Tritanopia

220.0730, -0.5290, 29.7540

Trichromacy



Original Color

217.2150, -22.7840, 27.8754

Protanomaly

216.2030, -21.2991, 18.2390

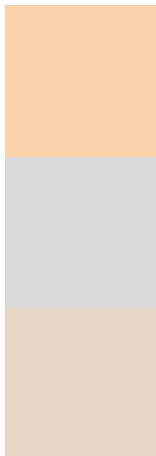
Deuteranomaly

217.5250, -22.9368, 30.2346

Tritanomaly

219.2980, -8.5279, 28.6797

Monochromacy



Original Color

217.2150, -22.7840, 27.8754

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.8890, -8.3263, 10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.2150, -22.7840, 27.8754 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(249, 210, 171)` looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 171)  
}
```

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(249, 210, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 171) }
```

Border

The CSS property to change the border of an element to YUV 217.2150, -22.7840, 27.8754 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(249, 210, 171) }
```


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

```
.border{ border-color:rgb(249, 210, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 210, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 210, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 210, 171);  
box-shadow:4px 4px 4px 4px rgb(249, 210,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 217.2150, -22.7840, 27.8754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 210, 171) }
```

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

```
.background{ background-color: rgb(249,  
210, 171) }
```

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