

Converting Colors

YUV(231.7700, -7.7746,
20.3727)

Have a look what the booklet for
YUV(231.7700, -7.7746, 20.3727)
contains.

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Color

**YUV(231.7700, -7.7746,
20.3727)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFD8
RGB	255, 223, 216
RGB Percent	100%, 87%, 85%
CMY	0.0000, 0.1255, 0.1529
CMYK	0.00, 0.13, 0.15, 0.00
HSL	11°, 100%, 92%
HSV	11°, 15%, 100%
XYZ	80.0223, 78.9932, 75.9953
YIQ	231.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

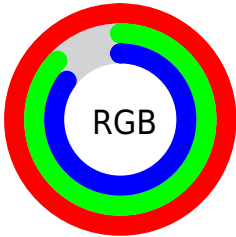
Format	Color
RYB	255, 225, 216
Decimal	16768984
CIELab	91.23, 9.93, 7.47
CIELCh	91, 12.425, 36.979
Yxy	78.9932, 0.3405, 0.3361
Android (android.graphics.Color)	4294959064 (0xFFFFDFD8)
YUV	231.7700, -7.7746, 20.3727
Hunter-Lab	88.8781, 5.1776, 11.5187

Details

The YUV color $231.7700, -7.7746, 20.3727$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $239.2300, 7.7746, -20.3727$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.1720, -7.4798, 19.1432$ is the 20% darker color. If you saturate the color by 10%, you get $216.5930, -12.6173, 33.6829$, and if you desaturate by 10%, it is $247.0610, -2.4951, 6.9625$.

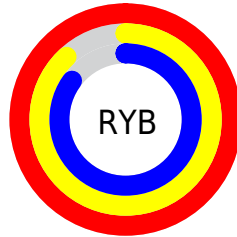
Distribution



Red (100%)

Green (87%)

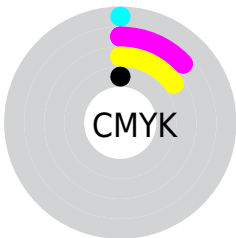
Blue (85%)



Red (100%)

Yellow (88%)

Blue (85%)

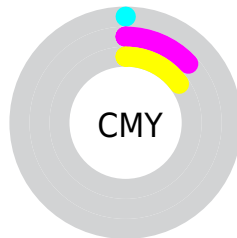


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.7700, -7.7746, 20.3727 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 231.7700, -7.7746, 20.3727 by changing the saturation by 10% instead.

 231.7700, -7.7746,
20.3727


 231.7700, -7.7746,
20.3727


255.0000, 0.0000,
0.0000


 203.4710, -7.6272,
19.7579

 176.1720, -7.4798,
19.1432

 148.9870, -6.8956,
18.4284

 123.6880, -6.7482,
17.8136

 98.3890, -6.6008,
17.1988

 74.7910, -6.3060,
15.9693

 51.6060, -5.7218,

15.2545

■ 30.1220, -4.9901,
13.9250

■ 7.4750, -3.6852,
15.3694

■ 231.7700, -7.7746,
20.3727

■ 231.7700, -7.7746,
20.3727

■ 216.5930,
-12.6173, 33.6829

■ 247.0610, -2.4951,
6.9625

■ 201.3020,
-17.8969, 47.0931

255.0000, 0.0000,
0.0000

■ 186.1250,
-22.7396, 60.4034

■ 170.8340,
-28.0192, 73.8136

■ 155.6570,
-32.8619, 87.1238

■ 140.3660,
-38.1414, 100.5340

■ 125.6620,
-43.7104, 113.4294

■ 110.4850,
-48.5531, 126.7397

■ 103.2470,
-50.9008, 133.0874

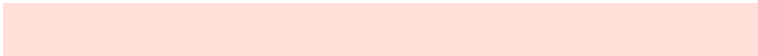
Harmonies

Analogous

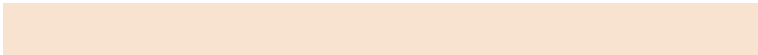
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.4370, -2.6804, 19.7878



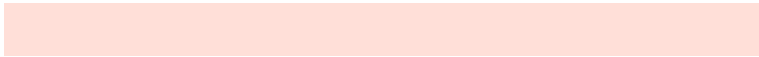
231.7700, -7.7746, 20.3727



230.5260, -11.1053, 15.3247

Triad

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



231.7700, -7.7746, 20.3727



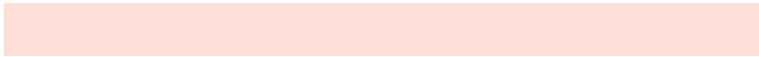
226.4020, -3.1562, -14.3846



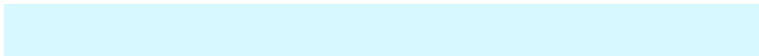
229.9310, 11.3730, -7.8325

Complementary

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



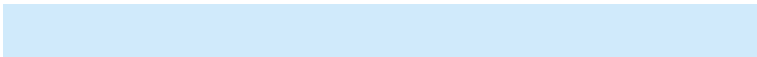
231.7700, -7.7746, 20.3727



239.2300, 7.7746, -20.3727

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.



228.1640, 11.2581, -17.6838



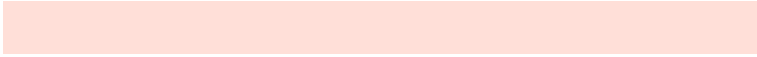
231.7700, -7.7746, 20.3727



225.9650, 2.9753, -21.0173

Square

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



231.7700, -7.7746, 20.3727



228.0890, -8.4249, -4.4631



226.4470, 8.6536, -22.3170



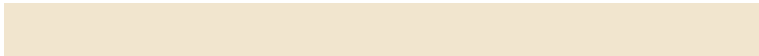
231.6120, 8.5723, 3.8483

Rectangle

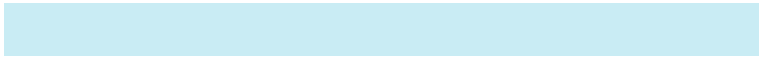
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



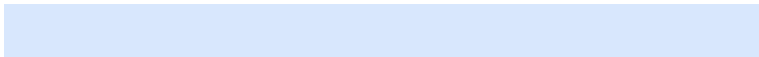
231.7700, -7.7746, 20.3727



229.9660, -11.8152, 9.6768



226.4470, 8.6536, -22.3170



229.0230, 11.8207, -11.4212

Sweetspot

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



231.7700, -7.7746, 20.3727



247.6480, -2.7845, 6.4477



231.4230, 8.6655, 20.6770



122.9790, -1.4686, 4.4034



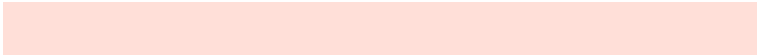
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.7700, -7.7746, 20.3727



227.4500, -9.0958, 24.1614



242.9230, -13.2730, 10.5915



120.0610, -2.4951, 6.9625



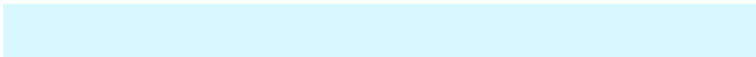
77.0670, -37.9940, 99.9192



25.5930, -12.6173, 33.6829

Inverse Universe

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



239.2300, 7.7746, -20.3727



236.5500, 9.0958, -24.1614



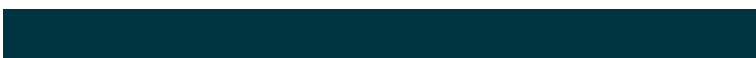
228.0770, 13.2730, -10.5915



122.3520, 2.7845, -6.4477



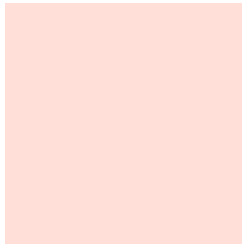
113.9330, 37.9940, -99.9192



37.8200, 12.9067, -33.1681

Previews

White Background



This preview shows how the YUV color 231.7700, -7.7746, 20.3727 looks on a white background.

Color Contrast Check

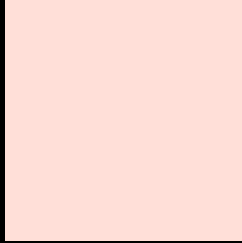
Large Text (above 18pt) WCAG AA × Fail

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 231.7700, -7.7746, 20.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

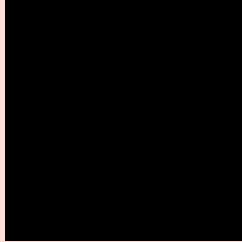
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.7700, -7.7746, 20.3727

Background



This preview shows how black text looks on a background with the YUV color 231.7700, -7.7746, 20.3727.

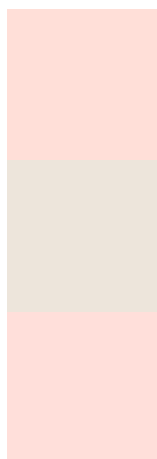


This preview shows how white text looks on a background with the YUV color 231.7700, -7.7746,

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

231.7700, -7.7746, 20.3727

Protanopia

230.2520, -5.5472, 5.9180

Deuteranopia

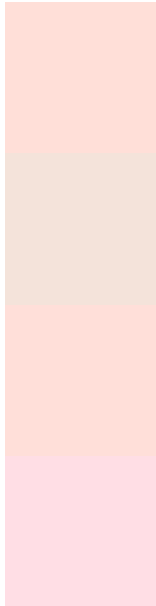
231.9980, -6.9010, 20.1728



Tritanopia

232.8760, 1.5401, 19.4027

Trichromacy



Original Color

231.7700, -7.7746, 20.3727

Protanomaly

231.0570, -6.4371, 11.3510

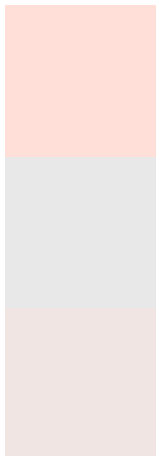
Deuteranomaly

231.8840, -7.3378, 20.2727

Tritanomaly

232.6650, -1.8068, 19.5878

Monochromacy



Original Color

231.7700, -7.7746, 20.3727

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.9470, -2.9319, 7.0625

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.7700, -7.7746, 20.3727 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, 223, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 216)  
}
```

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, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 216) }
```

Border

The CSS property to change the border of an element to YUV 231.7700, -7.7746, 20.3727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

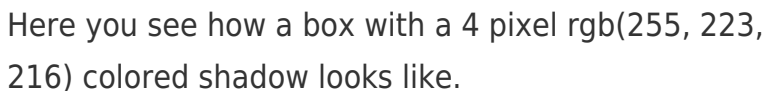
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 223, 216) }
```


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

```
.border{ border-color:rgb(255, 223, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 223, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 223, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 223, 216); box-shadow:4px 4px 4px 4px rgb(255, 223, 216) }
```

Background

The CSS property to change the background color of an element to YUV 231.7700, -7.7746, 20.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 216) }
```

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

```
.background{ background-color: rgb(255,  
223, 216) }
```

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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