

Converting Colors

YUV(231.5420, -8.6482,
20.5727)

Have a look what the booklet for
YUV(231.5420, -8.6482, 20.5727)
contains.

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Color

**YUV(231.5420, -8.6482,
20.5727)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFD6
RGB	255, 223, 214
RGB Percent	100%, 87%, 84%
CMY	0.0000, 0.1255, 0.1608
CMYK	0.00, 0.13, 0.16, 0.00
HSL	13°, 100%, 92%
HSV	13°, 16%, 100%
XYZ	79.7653, 78.8904, 74.6416
YIQ	231.5420, 21.9610, 3.9850

Conversions

Conversions Part 2

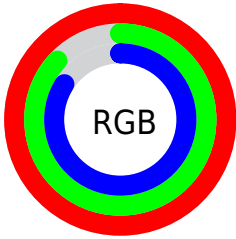
Format	Color
R _Y B	255, 226, 214
Decimal	16768982
CIE Lab	91.18, 9.62, 8.45
CIE LCh	91, 12.807, 41.305
Yxy	78.8904, 0.3419, 0.3382
Android (android.graphics.Color)	4294959062 (0xFFFFDFD6)
YUV	231.5420, -8.6482, 20.5727
Hunter-Lab	88.8203, 4.8669, 12.3488

Details

The YUV color $231.5420, -8.6482, 20.5727$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $237.4580, 8.6482, -20.5727$, 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 $175.9440, -8.3534, 19.3431$ is the 20% darker color. If you saturate the color by 10%, you get $216.9520, -13.7803, 33.3681$, and if you desaturate by 10%, it is $246.2460, -3.0793, 7.6773$.

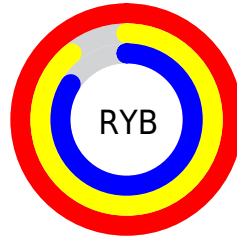
Distribution



Red (100%)

Green (87%)

Blue (84%)



Red (100%)

Yellow (89%)

Blue (84%)

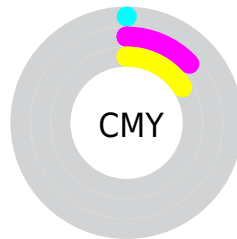


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.5420, -8.6482, 20.5727 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 231.5420, -8.6482, 20.5727 by changing the saturation by 10% instead.

 231.5420, -8.6482,
20.5727

 231.5420, -8.6482,
20.5727


255.0000, 0.0000,
0.0000


 203.2430, -8.5008,
19.9579

 175.9440, -8.3534,
19.3431

 148.7590, -7.7692,
18.6284

 123.4600, -7.6218,
18.0136

 98.2750, -7.0376,
17.2988

 74.6770, -6.7428,
16.0693

 51.1930, -6.0111,

14.7397

■ 30.1820, -6.0057,
12.9954

■ 7.4750, -3.6852,
15.3694

■ 231.5420, -8.6482,
20.5727

■ 231.5420, -8.6482,
20.5727

■ 216.9520,
-13.7803, 33.3681

■ 246.2460, -3.0793,
7.6773

■ 202.2480,
-19.3493, 46.2635

255.0000, 0.0000,
0.0000

■ 187.6580,
-24.4814, 59.0589

■ 172.9540,
-30.0503, 71.9543

■ 158.3640,
-35.1825, 84.7498

■ 144.2470,
-41.0408, 97.1304

■ 129.5430,
-46.6097, 110.0258

■ 114.9530,
-51.7418, 122.8212

■ 109.1170,
-53.7947, 127.9394

Harmonies

Analogous

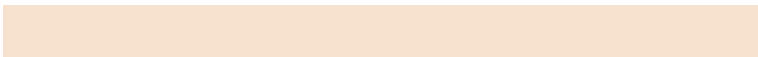
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.6220, -3.2646, 20.5025



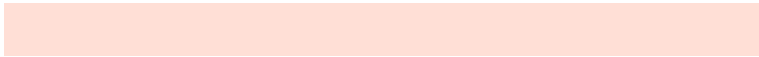
231.5420, -8.6482, 20.5727



230.1130, -11.3947, 14.8099

Triad

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



231.5420, -8.6482, 20.5727



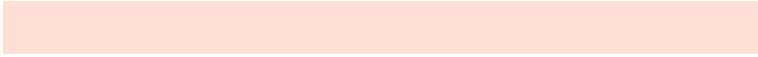
225.9180, -2.4246, -15.7141



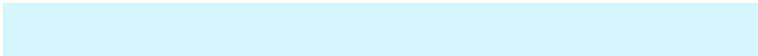
230.0560, 11.8044, -6.1881

Complementary

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



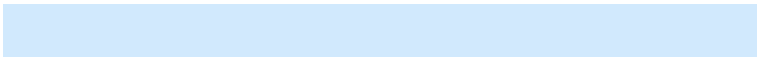
231.5420, -8.6482, 20.5727



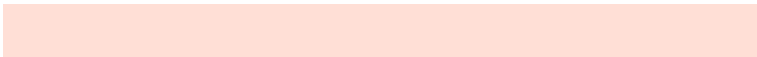
237.4580, 8.6482, -20.5727

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.



228.1040, 12.2737, -16.7542



231.5420, -8.6482, 20.5727



225.5950, 4.1437, -22.4468

Square

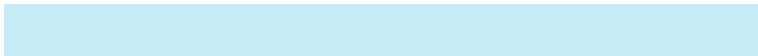
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.5420, -8.6482, 20.5727



227.4910, -8.1301, -5.6926



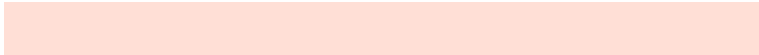
226.2620, 9.2378, -23.0318



231.5090, 8.1301, 5.6926

Rectangle

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



231.5420, -8.6482, 20.5727



229.5530, -12.1046, 9.1620



226.2620, 9.2378, -23.0318



229.7350, 11.9626, -10.2916

Sweetspot

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



231.5420, -8.6482, 20.5727



247.6480, -2.7845, 6.4477



229.9070, 7.9338, 22.0066



123.5660, -1.7580, 3.8886



0.0000, 0.0000, 0.0000



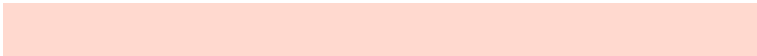
128.0000, 0.0000, 0.0000

Same Dimension

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



231.5420, -8.6482, 20.5727



227.2220, -9.9694, 24.3613



243.2820, -14.4360, 10.2767



120.6480, -2.7845, 6.4477



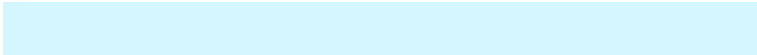
81.7630, -40.3092, 95.8008



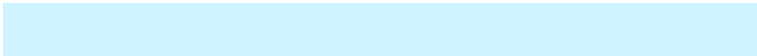
27.3540, -13.4855, 32.1385

Inverse Universe

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



237.4580, 8.6482, -20.5727



234.1910, 10.2588, -23.8465



225.7180, 14.4360, -10.2767



122.3520, 2.7845, -6.4477



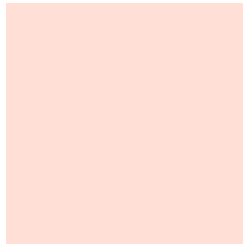
109.2370, 40.3092, -95.8008



36.6460, 13.4855, -32.1385

Previews

White Background



This preview shows how the YUV color 231.5420, -8.6482, 20.5727 looks on a white background.

Color Contrast Check

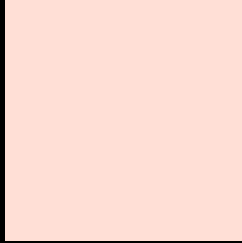
Large Text (above 18pt) WCAG AA × Fail

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 231.5420, -8.6482, 20.5727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

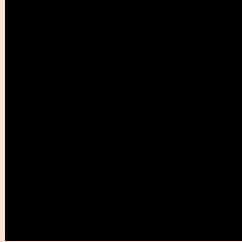
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 231.5420, -8.6482, 20.5727

Background



This preview shows how black text looks on a background with the YUV color 231.5420, -8.6482, 20.5727.

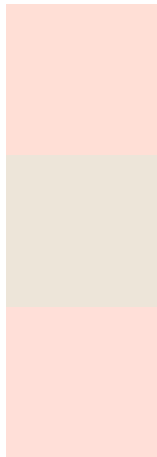


This preview shows how white text looks on a background with the YUV color 231.5420, -8.6482,

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

231.5420, -8.6482, 20.5727

Protanopia

230.0240, -6.4208, 6.1180

Deuteranopia

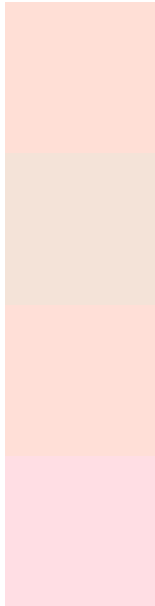
231.7700, -7.7746, 20.3727



Tritanopia

232.8760, 1.5401, 19.4027

Trichromacy



Original Color

231.5420, -8.6482, 20.5727

Protanomaly

230.8290, -7.3107, 11.5510

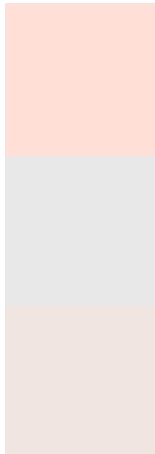
Deuteranomaly

231.6560, -8.2114, 20.4727

Tritanomaly

232.5510, -2.2436, 19.6878

Monochromacy



Original Color

231.5420, -8.6482, 20.5727

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.8330, -3.3687, 7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.5420, -8.6482, 20.5727 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 214) }
```

Border

The CSS property to change the border of an element to YUV 231.5420, -8.6482, 20.5727 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, 214) }
```


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

```
.border{ border-color:rgb(255, 223, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 231.5420, -8.6482, 20.5727 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
223, 214) }
```

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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