

Converting Colors

YUV(228.9210, -3.4121,
21.1173)

Have a look what the booklet for
YUV(228.9210, -3.4121, 21.1173)
contains.

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Color

**YUV(228.9210, -3.4121,
21.1173)**

Conversions

Conversions Part 1

Format	Color
Hex	FDDADE
RGB	253, 218, 222
RGB Percent	99%, 85%, 87%
CMY	0.0078, 0.1451, 0.1294
CMYK	0.00, 0.14, 0.12, 0.01
HSL	353°, 90%, 92%
HSV	353°, 14%, 99%
XYZ	78.7642, 76.2994, 79.6832
YIQ	228.9210, 19.5760, 8.6640

Conversions

Conversions Part 2

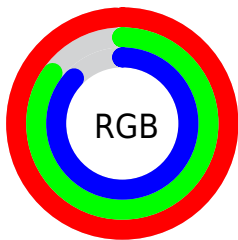
Format	Color
R _Y B	253, 218, 222
Decimal	16636638
CIE Lab	90.00, 12.75, 2.52
CIE LCh	90, 13.001, 11.192
Yxy	76.2994, 0.3355, 0.3250
Android (android.graphics.Color)	4294826718 (0xFFFDDADE)
YUV	228.9210, -3.4121, 21.1173
Hunter-Lab	87.3495, 8.0942, 7.0583

Details

The YUV color $228.9210, -3.4121, 21.1173$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $242.0790, 3.4121, -21.1173$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.3230, -3.1172, 19.8877$ is the 20% darker color. If you saturate the color by 10%, you get $211.7380, -5.7868, 36.1868$, and if you desaturate by 10%, it is $246.1040, -1.0373, 6.0478$.

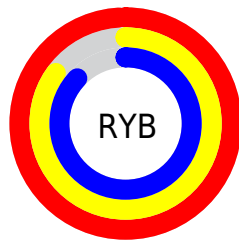
Distribution



Red (99%)

Green (85%)

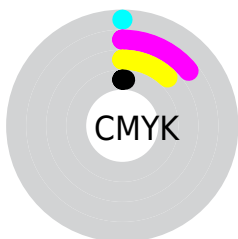
Blue (87%)



Red (99%)

Yellow (85%)

Blue (87%)

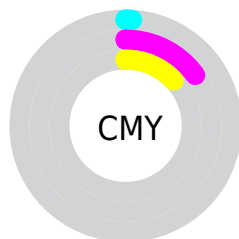


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (1%)



Cyan (1%)


Magenta (15%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 228.9210, -3.4121, 21.1173 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 228.9210, -3.4121, 21.1173 by changing the saturation by 10% instead.

 228.9210, -3.4121,
21.1173

 228.9210, -3.4121,
21.1173


255.0000, 0.0000,
0.0000


 200.6220, -3.2646,
20.5025

 173.3230, -3.1172,
19.8877

 147.0240, -2.9698,
19.2730

 120.7250, -2.8224,
18.6582

 96.1270, -2.5276,
17.4286

 71.8280, -2.3802,
16.8138

 49.2300, -2.0854,

15.5843

■ 27.6320, -1.7906,
14.3547

■ 7.8880, -3.3958,
15.8842

■ 228.9210, -3.4121,
21.1173

■ 228.9210, -3.4121,
21.1173

■ 211.7380, -5.7868,
36.1868

■ 246.1040, -1.0373,
6.0478

■ 193.8540, -8.3090,
51.8710

■ 254.4020, 0.2948,
-1.2296

■ 176.6710,
-10.6838, 66.9405

■ 159.3740,
-13.4954, 82.1100

■ 141.6040,
-15.5808, 97.6943

■ 124.4210,
-17.9556, 112.7638

■ 107.1240,
-20.7671, 127.9333

■ 89.9410, -23.1419,
143.0027

■ 78.9530, -24.6268,
152.6392

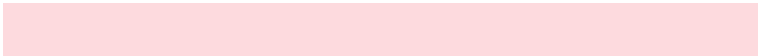
Harmonies

Analogous

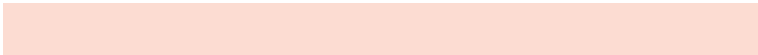
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.1960, 2.8614, 15.6141



228.9210, -3.4121, 21.1173



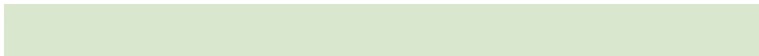
228.4280, -9.0850, 20.6726

Triad

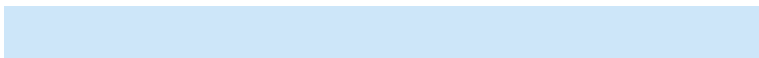
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.9210, -3.4121, 21.1173



224.0780, -8.4195, -6.2074



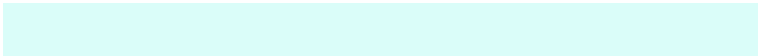
224.6910, 11.9843, -17.2690

Complementary

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



228.9210, -3.4121, 21.1173



242.0790, 3.4121, -21.1173

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.



222.9630, 9.3852, -23.6466



228.9210, -3.4121, 21.1173



222.6190, -2.2772, -16.3289

Square

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



228.9210, -3.4121, 21.1173



225.6450, -11.6570, 5.5733



222.2960, 4.2911, -23.0616



226.7570, 11.9518, -6.8029

Rectangle

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



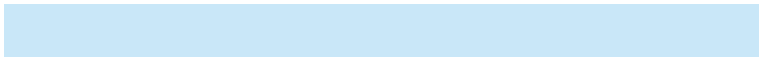
228.9210, -3.4121, 21.1173



227.5370, -11.1107, 17.0691



222.2960, 4.2911, -23.0616



223.9680, 11.8478, -20.1429

Sweetspot

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



228.9210, -3.4121, 21.1173



248.1040, -1.0373, 6.0478



231.2590, 10.7183, 15.5589



123.2070, -0.5951, 4.2035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

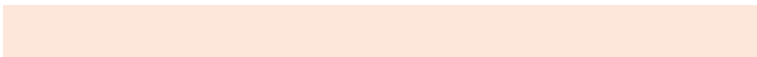
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.9210, -3.4121, 21.1173



225.4270, -4.1545, 25.9355



236.0960, -8.9213, 14.8248



119.0010, -1.4795, 7.8921



59.6170, -18.5452, 115.2229



19.9340, -6.3765, 38.6459

Inverse Universe

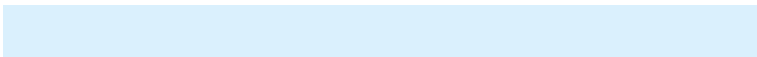
The Inverse Universe completely reimagines the original color for something new.



228.9210, -3.4121, 21.1173



225.4270, -4.1545, 25.9355



234.9040, 8.9213, -14.8248



119.0010, -1.4795, 7.8921



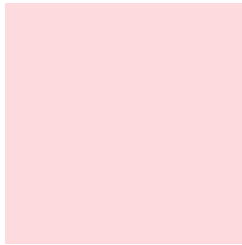
59.6170, -18.5452, 115.2229



19.9340, -6.3765, 38.6459

Previews

White Background



This preview shows how the YUV color 228.9210, -3.4121, 21.1173 looks on a white background.

Color Contrast Check

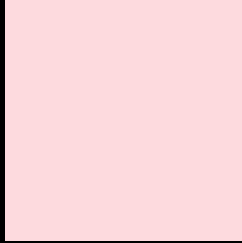
Large Text (above 18pt) WCAG AA × Fail

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 228.9210, -3.4121, 21.1173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

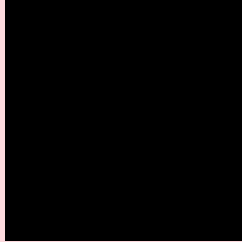
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.9210, -3.4121, 21.1173

Background



This preview shows how black text looks on a background with the YUV color 228.9210, -3.4121, 21.1173.



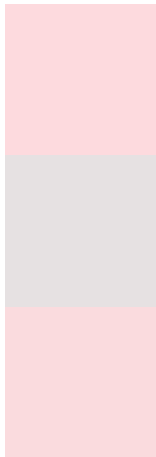
This preview shows how white text looks on a background with the YUV color 228.9210, -3.4121,

21.1173.

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

228.9210, -3.4121, 21.1173

Protanopia

226.6090, -0.3002, 2.9739

Deuteranopia

228.6110, -3.2592, 18.7582



Tritanopia

229.3000, 1.8241, 21.6619

Trichromacy



Original Color

228.9210, -3.4121, 21.1173

Protanomaly

227.1260, -1.0481, 9.5365

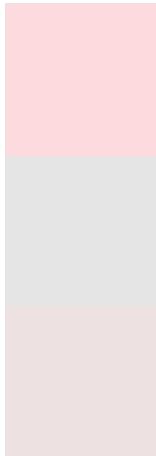
Deuteranomaly

228.9100, -3.4066, 19.3729

Tritanomaly

229.4310, -0.2125, 21.5470

Monochromacy



Original Color

228.9210, -3.4121, 21.1173

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.0010, -1.4795, 7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.9210, -3.4121, 21.1173 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(253, 218, 222)` looks like.

```
.text, #text, p{  
    color:rgb(253, 218, 222)  
}
```

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(253, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 218, 222) }
```

Border

The CSS property to change the border of an element to YUV 228.9210, -3.4121, 21.1173 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(253, 218, 222) }
```


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

```
.border{ border-color:rgb(253, 218, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 218, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 218, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 218, 222); box-shadow:4px 4px 4px 4px rgb(253, 218, 222) }
```

Background

The CSS property to change the background color of an element to YUV 228.9210, -3.4121, 21.1173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 218, 222) }
```

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

```
.background{ background-color: rgb(253,  
218, 222) }
```

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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