

Converting Colors

YUV(221.4040, 0.7868, 27.7097)

Have a look what the booklet for
YUV(221.4040, 0.7868, 27.7097)
contains.

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Color

**YUV(221.4040, 0.7868,
27.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCDDF
RGB	253, 205, 223
RGB Percent	99%, 80%, 87%
CMY	0.0078, 0.1961, 0.1255
CMYK	0.00, 0.19, 0.12, 0.01
HSL	338°, 92%, 90%
HSV	338°, 19%, 99%
XYZ	75.6586, 69.8730, 79.3112
YIQ	221.4040, 22.8300, 15.7740

Conversions

Conversions Part 2

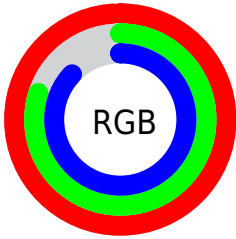
Format	Color
R_{YB}	253, 205, 223
Decimal	16633311
CIE _{Lab}	86.93, 19.70, -2.48
CIE _{LCh}	87, 19.858, 352.832
Yxy	69.8730, 0.3365, 0.3108
Android (android.graphics.Color)	4294823391 (0xFFFDCCDD)
YUV	221.4040, 0.7868, 27.7097
Hunter-Lab	83.5901, 15.2804, 2.2580

Details

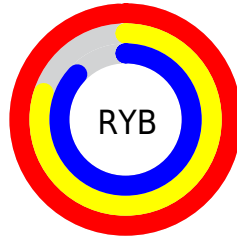
The YUV color $221.4040, 0.7868, 27.7097$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $236.5960, -0.7868, -27.7097$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $166.3930, 0.7923, 25.9653$ is the 20% darker color. If you saturate the color by 10%, you get $204.9050, 1.0328, 42.1793$, and if you desaturate by 10%, it is $237.9030, 0.5408, 13.2401$.

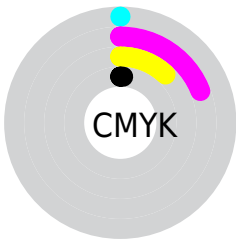
Distribution



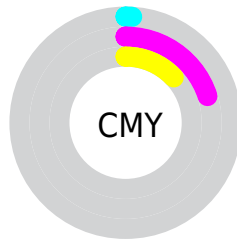
- Red (99%)
- Green (80%)
- Blue (87%)



- Red (99%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (19%)
- Yellow (12%)
- Black (1%)




- Cyan (1%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 221.4040, 0.7868, 27.7097 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 221.4040, 0.7868, 27.7097 by changing the saturation by 10% instead.


 221.4040, 0.7868,
27.7097


 221.4040, 0.7868,
27.7097


255.0000, 0.0000,
0.0000


 193.1050, 0.9342,
27.0949

 166.3930, 0.7923,
25.9653

 139.6810, 0.6503,
24.8358

 113.7950, 1.0871,
24.7358

 89.0830, 0.9451,
23.6062

 65.1860, 1.3873,
21.7619

 42.5880, 1.6821,

20.5323

■ 20.4030, 2.2663,
19.8176

■ 4.7840, -2.3585,
9.8364

■ 221.4040, 0.7868,
27.7097

■ 221.4040, 0.7868,
27.7097

■ 204.9050, 1.0328,
42.1793

■ 237.9030, 0.5408,
13.2401

■ 187.8190, 1.5682,
57.1637

■ 254.4020, 0.2948,
-1.2296

■ 171.4340, 2.2510,
71.5334

■ 154.9350, 2.4970,
86.0030

■ 138.4360, 2.7431,
100.4726

■ 121.3500, 3.2785,
115.4571

■ 104.8510, 3.5245,
129.9267

■ 88.4660, 4.2073,
144.2963

■ 86.4770, 4.2018,
146.0407

Harmonies

Analogous

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



221.3190, 9.7027, 14.6292



221.4040, 0.7868, 27.7097



219.8360, -7.8071, 30.8388

Triad

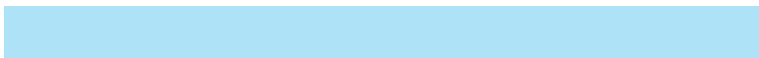
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221.4040, 0.7868, 27.7097



215.4720, -16.0087, 1.3401



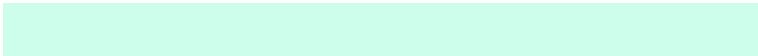
212.5470, 16.9853, -34.6827

Complementary

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



221.4040, 0.7868, 27.7097



236.5960, -0.7868, -27.7097

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.



210.5160, 10.5916, -37.2865



221.4040, 0.7868, 27.7097



213.0830, -9.4079, -15.8588

Square

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



221.4040, 0.7868, 27.7097



217.7020, -18.0941, 16.9243



210.9270, 0.5290, -29.7540



215.9060, 19.2733, -21.8426

Rectangle

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



221.4040, 0.7868, 27.7097



219.7560, -13.1907, 30.9090



210.9270, 0.5290, -29.7540



211.7810, 15.3910, -36.6419

Sweetspot

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



221.4040, 0.7868, 27.7097



245.0550, -0.0271, 8.7218



219.4420, 16.5441, 13.6444



122.0330, -0.0163, 5.2331



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.



221.4040, 0.7868, 27.7097



216.1490, 0.9125, 34.0723



222.8740, -8.8119, 26.4205



119.4570, 0.2677, 7.4922



65.3170, 3.2947, 110.2240



21.8720, 1.0491, 36.9463

Inverse Universe

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



221.4040, 0.7868, 27.7097



216.1490, 0.9125, 34.0723



235.1260, 8.8119, -26.4205



119.4570, 0.2677, 7.4922



65.3170, 3.2947, 110.2240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 221.4040, 0.7868, 27.7097 looks on a white background.

Color Contrast Check

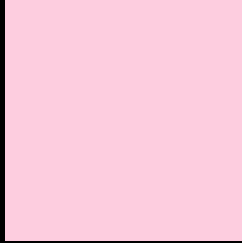
Large Text (above 18pt) WCAG AA × Fail

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 221.4040, 0.7868, 27.7097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

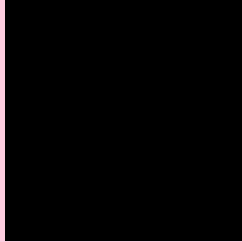
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.4040, 0.7868, 27.7097

Background



This preview shows how black text looks on a background with the YUV color 221.4040, 0.7868, 27.7097.

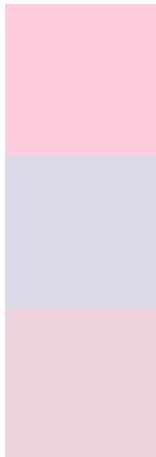


This preview shows how white text looks on a background with the YUV color 221.4040, 0.7868,

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

221.4040, 0.7868, 27.7097

Protanopia

218.7810, 5.5310, -0.6849

Deuteranopia

220.0280, 0.9722, 14.8844



Tritanopia

221.1760, -0.0868, 27.9096

Trichromacy



Original Color

221.4040, 0.7868, 27.7097

Protanomaly

219.9780, 3.4618, 9.6663

Deuteranomaly

220.6480, 0.6665, 19.6027

Tritanomaly

221.2900, 0.3500, 27.8097

Monochromacy



Original Color

221.4040, 0.7868, 27.7097

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.1800, 0.4043, 10.3661

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.4040, 0.7868, 27.7097 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, 205, 223)` looks like.

```
.text, #text, p{  
    color:rgb(253, 205, 223)  
}
```

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, 205, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 205, 223) }
```

Border

The CSS property to change the border of an element to YUV 221.4040, 0.7868, 27.7097 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, 205, 223) }
```


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

```
.border{ border-color:rgb(253, 205, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 205, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 205, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 205, 223);  
box-shadow:4px 4px 4px 4px rgb(253, 205,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 221.4040, 0.7868, 27.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 205, 223) }
```

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

```
.background{ background-color: rgb(253,  
205, 223) }
```

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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