Converting Colors

YUV(221.7080, -17.1110, 28.3201)

Have a look what the booklet for YUV(221.7080, -17.1110, 28.3201) contains.

YUV(221.7080, -17.1110, 28.3201) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

YUV(221.7080, -17.1110, 28.3201)

Conversions

Format	Color
Hex	FED4BB
RGB	254, 212, 187
RGB Percent	100%, 83%, 73%
CMY	0.0039, 0.1686, 0.2667
CMYK	0.00, 0.17, 0.26, 0.00
HSL	22°, 97%, 86%
HSV	22°, 26%, 100%
XYZ	73.3862, 71.7457, 56.9941
YIQ	221.7080, 33.0570, 1.1290

Conversions Part 1

Conversions

Conversions Part 2

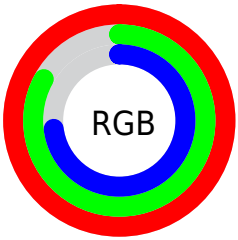
Format	Color
RYB	254, 227, 187
Decimal	16700603
CIELab	87.85, 11.09, 17.86
CIELCh	88, 21.023, 58.170
Yxy	71.7457, 0.3631, 0.3550
Android (android.graphics.Color)	4294890683 (0xFFFED4BB)
YUV	221.7080, -17.1110, 28.3201
Hunter-Lab	84.7028, 6.4218, 19.3974

Details

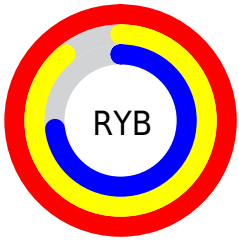
The YUV color 221.7080, -17.1110, 28.3201 is a light color, and the websafe version is hex FFCCCC. A complement of this color would be 219.2920, 17.1110, -28.3201, and the grayscale version is 222.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 253.6320, -5.2416, 1.1997, and 166.0390, -15.7952, 26.2758 is the 20% darker color. If you saturate the color by 10%, you get 209.4660, -23.4007, 39.0563, and if you desaturate by 10%, it is 233.9500, -10.8213, 17.5839.

Distribution

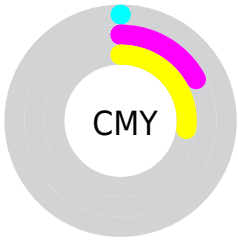


- Red (100%)
- Green (83%)
- Blue (73%)



- Red (100%)
- Yellow (89%)
- Blue (73%)

- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.7080, -17.1110, 28.3201 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 221.7080, -17.1110, 28.3201 by changing the saturation by 10% instead.

221.7080, -17.1110, 28.3201

255.0000, 0.0000, 0.0000

253.6320, -5.2416, 1.1997

221.7080, -17.1110, 28.3201

193.5230, -16.5268, 27.6053

166.0390, -15.7952, 26.2758

139.7400, -15.6478, 25.6610

114.2560, -14.9162, 24.3315

89.4730, -14.0372, 22.3872

65.9890, -13.3056, 21.0576

43.2060, -12.4266,

19.1133

22.5370, -11.1107, 17.0691

1.4950, -0.7370, 3.0739

221.7080, -17.1110, 28.3201

221.7080, -17.1110, 28.3201

209.4660, -23.4007, 39.0563

233.9500, -10.8213, 17.5839

197.1100, -30.1272, 49.8925

246.3060, -4.0949, 6.7476

184.8680, -36.4169, 60.6288

254.7010, 0.1474, -0.6148

172.5120, -43.1434, 71.4650

160.2700,
-49.4331, 82.2012

148.0280,
-55.7228, 92.9374

136.2590,
-62.7387, 103.2589

131.7110,
-64.9335, 107.2475

Harmonies

Analogous

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

220.7820, -9.2595, 30.0092

221.7080, -17.1110, 28.3201

219.4630, -18.9623, 15.3799

Triad

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

221.7080, -17.1110, 28.3201

213.0620, 2.4344, -34.2574

222.2400, 16.1507, -0.2105

Complementary

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

221.7080, -17.1110, 28.3201

219.2920, 17.1110, -28.3201

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.

217.9880, 18.2469, -19.2835

221.7080, -17.1110, 28.3201

212.6620, 12.4916, -40.0456

Square

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

221.7080, -17.1110, 28.3201

215.4030, -8.0867, -19.6474

215.1170, 19.1693, -35.1826

224.1130, 8.8183, 18.3179

Rectangle

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

221.7080, -17.1110, 28.3201

218.3260, -17.9087, 4.0991

215.1170, 19.1693, -35.1826

221.0220, 16.7512, -6.1583

Sweetspot

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

221.7080, -17.1110, 28.3201

245.0890, -4.9739, 8.6919

211.8210, 8.4692, 36.9910

121.8220, -3.3632, 5.4181

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.

221.7080, -17.1110, 28.3201

215.7150, -21.0585, 34.4529

241.0790, -26.6609, 11.3317

121.8220, -3.3632, 5.4181

98.7860, -48.7015, 80.8717

33.2240, -16.3794, 26.9906

Inverse Universe

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

219.2920, 17.1110, -28.3201

212.8720, 20.7691, -34.9677

199.9210, 26.6609, -11.3317

121.1780, 3.3632, -5.4181

92.2140, 48.7015, -80.8717

30.7760, 16.3794, -26.9906

Previews

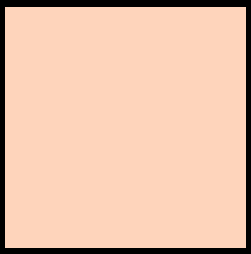
White Background

This preview shows how the YUV color 221.7080, -17.1110, 28.3201 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



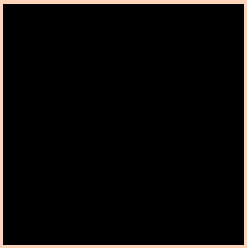
This preview shows how the YUV color 221.7080, -17.1110, 28.3201 looks on a black background.

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 221.7080, -17.1110, 28.3201 Background



This preview shows how black text looks on a background with the YUV color 221.7080, -17.1110, 28.3201.

This preview shows how white text looks on a background with the YUV color 221.7080, -17.1110,

28.3201.

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
221.7080, -17.1110, 28.3201

Protanopia
219.9830, -14.2886, 9.6619

Deuteranopia
221.7080, -17.1110, 28.3201

Tritanopia
223.7630, -0.3762, 27.3948

Trichromacy

Original Color
221.7080, -17.1110, 28.3201

Protanomaly
220.5000, -15.0365, 16.2245

Deuteranomaly
221.7080, -17.1110, 28.3201

Tritanomaly
222.8680, -6.3439, 28.1798

Monochromacy

Original Color
221.7080, -17.1110, 28.3201

Achromatopsia
222.0000, 0.0000, 0.0000

Achromatomaly
221.7580, -6.2897, 10.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.7080, -17.1110, 28.3201 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(254, 212, 187) looks like.

```
.text, #text, p{
    color:rgb(254, 212, 187)
}
```

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(254, 212, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 187) }
```

Border

The CSS property to change the border of an element to YUV 221.7080, -17.1110, 28.3201 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(254, 212, 187) }
```

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

```
.border{ border-color:rgb(254, 212, 187) }
```

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

Here you see how a box with a 4 pixel rgb(254, 212, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 212, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 212, 187); box-shadow:4px 4px 4px 4px rgb(254, 212, 187) }
```

Background

The CSS property to change the background color of an element to YUV 221.7080, -17.1110, 28.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(254, 212, 187) }
```

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

```
.background{ background-color:rgb(254,
212, 187) }
```

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