

Converting Colors

YUV(229.1020, -28.1513,
22.7125)

Have a look what the booklet for
YUV(229.1020, -28.1513, 22.7125)
contains.

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Color

**YUV(229.1020, -28.1513,
22.7125)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFE3AC |
| RGB | 255, 227, 172 |
| RGB Percent | 100%, 89%, 67% |
| CMY | 0.0000, 0.1098, 0.3255 |
| CMYK | 0.00, 0.11, 0.33, 0.00 |
| HSL | 40°, 100%, 84% |
| HSV | 40°, 33%, 100% |
| XYZ | 76.1555, 79.1767, 50.2985 |
| YIQ | 229.1020, 34.3430, -11.1690 |

Conversions

Conversions Part 2

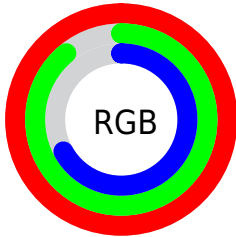
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 214, 255, 172 |
| Decimal | 16769964 |
| CIE _{Lab} | 91.31, 1.84, 30.42 |
| CIE _{LCh} | 91, 30.473, 86.543 |
| Yxy | 79.1767, 0.3704, 0.3850 |
| Android (android.graphics.Color) | 4294960044 (0xFFFFE3AC) |
| YUV | 229.1020, -28.1513, 22.7125 |
| Hunter-Lab | 88.9813, -2.9464, 28.7720 |

Details

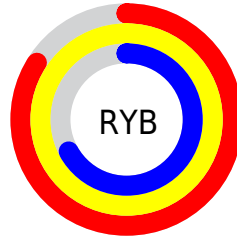
The YUV color $229.1020, -28.1513, 22.7125$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $197.8980, 28.1513, -22.7125$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.9220, -11.7935, 2.6994$, and $173.4330, -26.8355, 20.6683$ is the 20% darker color. If you saturate the color by 10%, you get $220.9690, -36.4667, 29.8452$, and if you desaturate by 10%, it is $237.3490, -19.3991, 15.4799$.

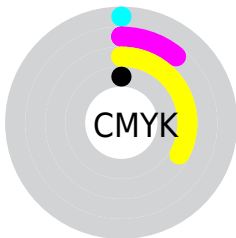
Distribution



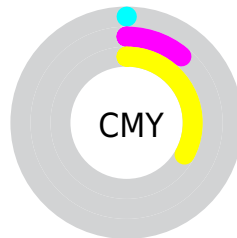
- Red (100%)
- Green (89%)
- Blue (67%)



- Red (84%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.1020, -28.1513, 22.7125 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 229.1020, -28.1513, 22.7125 by changing the saturation by 10% instead.

229.1020,
-28.1513, 22.7125

229.1020,
-28.1513, 22.7125

255.0000, 0.0000,
0.0000

200.9170,
-27.5671, 21.9978

251.9220,
-11.7935, 2.6994

173.4330,
-26.8355, 20.6683

146.3620,
-25.8145, 19.8535

120.8780,
-25.0829, 18.5240

95.5080, -23.9144,
17.0945

71.3230, -23.3302,
16.3797

48.1980, -23.7616,

14.7354

■ 28.6950, -14.1466,
10.7915

■ 5.3490, -2.6371,
5.8329

■ 229.1020,
-28.1513, 22.7125

■ 229.1020,
-28.1513, 22.7125

■ 220.9690,
-36.4667, 29.8452

■ 237.3490,
-19.3991, 15.4799

■ 213.3090,
-45.5083, 36.5630

■ 244.8950,
-10.7942, 8.8621

■ 205.1760,
-53.8238, 43.6956

■ 253.1420, -2.0420,
1.6295

■ 197.5160,
-62.8654, 50.4135

255.0000, 0.0000,
0.0000

■ 189.3830,
-71.1808, 57.5461

■ 181.1360,
-79.9330, 64.7787

■ 175.4480,
-86.4959, 69.7671

Harmonies

Analogous

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



224.3720, -20.8894, 26.8608



229.1020, -28.1513, 22.7125



225.6860, -24.0022, -1.4786

Triad

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



229.1020, -28.1513, 22.7125



216.8270, 18.8193, -62.9923



230.9330, 11.8650, 21.1068

Complementary

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



229.1020, -28.1513, 22.7125



197.8980, 28.1513, -22.7125

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.



229.3280, 12.6563, 0.5893



229.1020, -28.1513, 22.7125



217.7680, 18.3554, -54.1705

Square

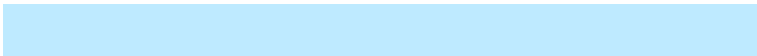
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.1020, -28.1513, 22.7125



218.3050, 3.7936, -50.2565



223.2380, 15.6587, -29.1497



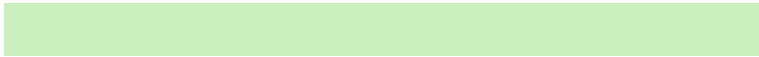
225.7180, 4.5760, 25.6803

Rectangle

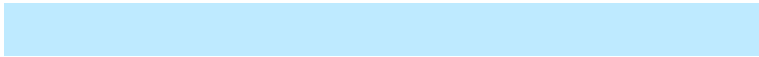
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.1020, -28.1513, 22.7125



223.4110, -16.9646, -18.7774



223.2380, 15.6587, -29.1497



232.3950, 11.1443, 18.9476

Sweetspot

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



229.1020, -28.1513, 22.7125



246.8670, -8.3154, 7.1326



200.1230, 0.4324, 48.1271



122.6540, -5.2524, 4.6884



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.



229.1020, -28.1513, 22.7125



223.7560, -33.4037, 27.4010



241.9500, -34.4853, 0.9209



123.5830, -4.2314, 3.8737



131.6580, -64.9074, 52.0429



43.7900, -21.5885, 17.7242

Inverse Universe

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



197.8980, 28.1513, -22.7125



186.6570, 33.6931, -26.8862



185.0500, 34.4854, -0.9208



118.8300, 4.5208, -3.3589



59.9290, 64.6180, -52.5577



20.2100, 21.5885, -17.7242

Previews

White Background



This preview shows how the YUV color 229.1020, -28.1513, 22.7125 looks on a white background.

Color Contrast Check

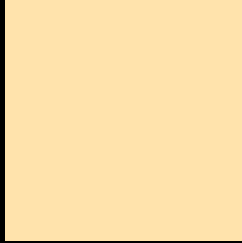
Large Text (above 18pt) WCAG AA × Fail

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 229.1020, -28.1513, 22.7125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

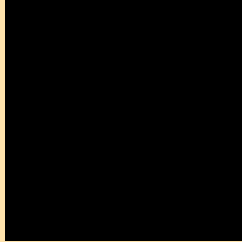
Any Text WCAG AA ✓ Pass

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 229.1020, -28.1513, 22.7125 Background



This preview shows how black text looks on a background with the YUV color 229.1020, -28.1513, 22.7125.



This preview shows how white text looks on a background with the YUV color 229.1020, -28.1513, 22.7125.

22.7125.

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

229.1020, -28.1513, 22.7125

Protanopia

228.2860, -27.2560, 15.5352

Deuteranopia

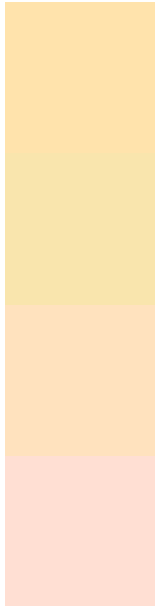
231.1200, -15.3422, 20.9428



Tritanopia

232.6480, 0.6665, 19.6027

Trichromacy



Original Color

229.1020, -28.1513, 22.7125

Protanomaly

228.5960, -27.4088, 17.8943

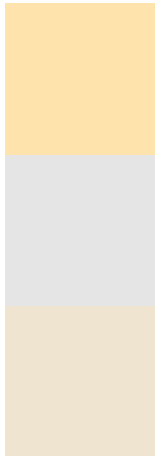
Deuteranomaly

230.5670, -19.9995, 21.4277

Tritanomaly

231.2000, -9.9586, 20.8726

Monochromacy



Original Color

229.1020, -28.1513, 22.7125

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.7100, -10.2100, 8.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.1020, -28.1513, 22.7125 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, 227, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 172)  
}
```

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, 227, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 172) }
```

Border

The CSS property to change the border of an element to YUV 229.1020, -28.1513, 22.7125 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, 227, 172) }
```


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

```
.border{ border-color:rgb(255, 227, 172) }
```

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

Here you see how a box with a 4 pixel rgb(255, 227, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 229.1020, -28.1513, 22.7125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 172) }
```

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

```
.background{ background-color: rgb(255,  
227, 172) }
```

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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