

Converting Colors

YUV(213.1250, -70.0676,
27.0774)

Have a look what the booklet for
YUV(213.1250, -70.0676, 27.0774)
contains.

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Color

**YUV(213.1250, -70.0676,
27.0774)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E147
RGB	244, 225, 71
RGB Percent	96%, 88%, 28%
CMY	0.0431, 0.1176, 0.7216
CMYK	0.00, 0.08, 0.71, 0.04
HSL	53°, 89%, 62%
HSV	53°, 71%, 96%
XYZ	65.3708, 73.5385, 16.7102
YIQ	213.1250, 60.7580, -43.8660

Conversions

Conversions Part 2

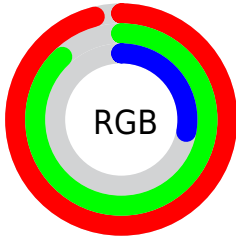
Format	Color
R_{YB}	92, 244, 71
Decimal	16048455
CIE Lab	88.70, -9.96, 73.45
CIE LCh	89, 74.117, 97.721
Yxy	73.5385, 0.4201, 0.4726
Android (android.graphics.Color)	4294238535 (0xFFFF4E147)
YUV	213.1250, -70.0676, 27.0774
Hunter-Lab	85.7546, -13.9998, 48.4749

Details

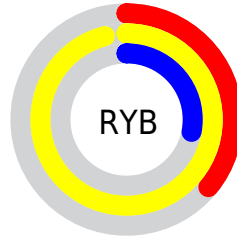
The YUV color **213.1250, -70.0676, 27.0774** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **101.8750, 70.0676, -27.0774**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.5220, -55.4733, 12.6972**, and **154.8060, -76.3194, 25.6031** is the 20% darker color. If you saturate the color by 10%, you get **208.6280, -79.6826, 31.0212**, and if you desaturate by 10%, it is **217.6220, -60.4526, 23.1335**.

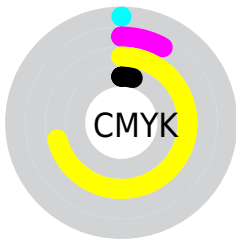
Distribution



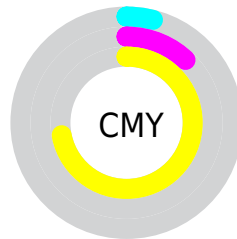
- Red (96%)
- Green (88%)
- Blue (28%)



- Red (36%)
- Yellow (96%)
- Blue (28%)



- Cyan (0%)
- Magenta (8%)
- Yellow (71%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.1250, -70.0676, 27.0774 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 213.1250, -70.0676, 27.0774 by changing the saturation by 10% instead.

213.1250,
-70.0676, 27.0774

213.1250,
-70.0676, 27.0774

255.0000, 0.0000,
0.0000

184.0710,
-71.5200, 26.2477

240.5220,
-55.4733, 12.6972

154.8060,
-76.3194, 25.6031

243.8280,
-42.8062, 9.7978

130.8730,
-64.5204, 21.1594

247.0200,
-30.5759, 6.9985

106.9400,
-52.7214, 16.7156

250.3260,
-17.9087, 4.0991

84.4800, -41.6486,
11.8570

253.7460, -4.8048,
1.0998

62.9060, -31.0127,
7.0984

42.2180, -20.8135,

2.4398

■ 22.4160, -11.0511,
-2.1188

■ 0.0000, 0.0000,
0.0000

■ 213.1250,
-70.0676, 27.0774

■ 213.1250,
-70.0676, 27.0774

■ 208.6280,
-79.6826, 31.0212

■ 217.6220,
-60.4526, 23.1335

■ 204.6040,
-90.0238, 34.5503

■ 221.6460,
-50.1115, 19.6045

■ 200.3350,
-98.7652, 38.2942

■ 226.1430,
-40.4965, 15.6606

■ 230.7540,
-30.4447, 11.6167

■ 234.6640,
-20.5404, 8.1877

■ 239.1610,
-10.9254, 4.2438

■ 243.7720, -0.8736,
0.2000

■ 246.4280, 4.2260,
-2.1294

■ 248.1890, 3.3578,
-3.6738

Harmonies

Analogous

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



203.6770, -57.0288, 45.0103



213.1250, -70.0676, 27.0774



205.0280, -49.8068, -31.5966

Triad

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



213.1250, -70.0676, 27.0774



178.7550, 37.5888, -156.7681



204.5180, 24.8876, 44.2727

Complementary

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



213.1250, -70.0676, 27.0774



101.8750, 70.0676, -27.0774

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.



218.8720, 17.8111, 27.2993



213.1250, -70.0676, 27.0774



172.2980, 40.7721, -151.1053

Square

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



213.1250, -70.0676, 27.0774



176.9310, 30.6000, -155.1685



195.2420, 29.4607, -69.4952



192.5890, 7.1046, 54.7344

Rectangle

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



213.1250, -70.0676, 27.0774



193.3540, -24.3315, -82.7485



195.2420, 29.4607, -69.4952



209.2140, 22.5725, 40.1543

Sweetspot

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



213.1250, -70.0676, 27.0774



245.3220, -21.8507, 8.4876



125.0070, -16.7655, 104.3569



122.0040, -12.8200, 5.2585



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.



213.1250, -70.0676, 27.0774



216.1740, -87.8398, 34.0504



204.5440, -65.8372, -23.2791



120.0450, -4.9522, 1.7145



153.0560, -75.4566, 28.8919



48.1650, -23.7453, 9.5023

Inverse Universe

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



101.8750, 70.0676, -27.0774



76.8260, 87.8398, -34.0504



110.4560, 65.8372, 23.2791



112.5420, 4.6628, -2.2293



32.9440, 75.4566, -28.8919



10.2480, 24.0347, -8.9875

Previews

White Background



This preview shows how the YUV color 213.1250, -70.0676, 27.0774 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 213.1250, -70.0676, 27.0774 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 213.1250, -70.0676, 27.0774

Background



This preview shows how black text looks on a background with the YUV color 213.1250, -70.0676, 27.0774.

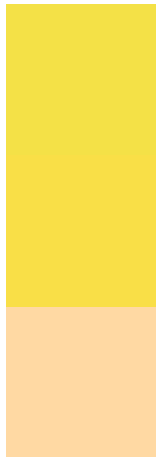


This preview shows how white text looks on a background with the YUV color 213.1250, -70.0676,

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

213.1250, -70.0676, 27.0774

Protanopia

213.4460, -70.2259, 31.1809

Deuteranopia

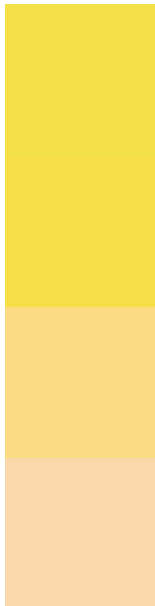
222.2060, -29.1886, 28.7603



Tritanopia

225.8660, 0.0661, 25.5505

Trichromacy



Original Color

213.1250, -70.0676, 27.0774

Protanomaly

213.4350, -70.2205, 29.4365

Deuteranomaly

219.0090, -43.8814, 28.0561

Tritanomaly

221.2210, -25.2520, 26.1162

Monochromacy



Original Color

213.1250, -70.0676, 27.0774

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.7090, -25.4925, 9.9022

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.1250, -70.0676, 27.0774 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(244, 225, 71)` looks like.

```
.text, #text, p{  
    color:rgb(244, 225, 71)  
}
```

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(244, 225, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 225, 71) }
```

Border

The CSS property to change the border of an element to YUV 213.1250, -70.0676, 27.0774 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(244, 225, 71) }
```


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

```
.border{ border-color:rgb(244, 225, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 225, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 225, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 225, 71);  
box-shadow:4px 4px 4px 4px rgb(244, 225,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 213.1250, -70.0676, 27.0774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 225, 71) }
```

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

```
.background{ background-color: rgb(244,  
225, 71) }
```

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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