

Converting Colors

YUV(213.4970, -0.2450,
32.0131)

Have a look what the booklet for
YUV(213.4970, -0.2450, 32.0131)
contains.

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Color

**YUV(213.4970, -0.2450,
32.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC3D5
RGB	250, 195, 213
RGB Percent	98%, 76%, 84%
CMY	0.0196, 0.2353, 0.1647
CMYK	0.00, 0.22, 0.15, 0.02
HSL	340°, 85%, 87%
HSV	340°, 22%, 98%
XYZ	70.9497, 64.1583, 71.5951
YIQ	213.4970, 27.0020, 17.2580

Conversions

Conversions Part 2

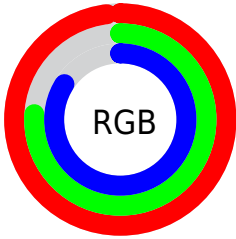
Format	Color
R _{YB}	250, 195, 213
Decimal	16434133
CIE Lab	84.05, 22.32, -1.42
CIE LCh	84, 22.369, 356.364
Yxy	64.1583, 0.3432, 0.3104
Android (android.graphics.Color)	4294624213 (0xFFFA3D5)
YUV	213.4970, -0.2450, 32.0131
Hunter-Lab	80.0989, 17.9380, 3.0738

Details

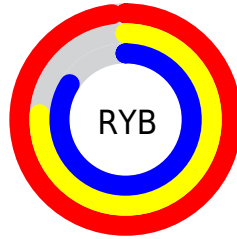
The YUV color $213.4970, -0.2450, 32.0131$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $231.5030, 0.2450, -32.0131$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8682, 1.5444$, and $158.4860, -0.2396, 30.2688$ is the 20% darker color. If you saturate the color by 10%, you get $196.8840, -0.4358, 46.5827$, and if you desaturate by 10%, it is $230.1100, -0.0542, 17.4435$.

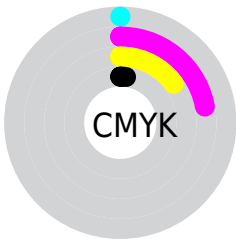
Distribution



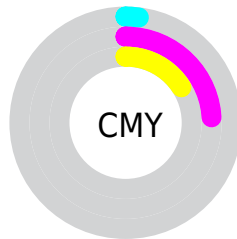
- Red (98%)
- Green (76%)
- Blue (84%)



- Red (98%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (22%)
- Yellow (15%)
- Black (2%)



- Cyan (2%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.4970, -0.2450, 32.0131 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 213.4970, -0.2450, 32.0131 by changing the saturation by 10% instead.


 213.4970, -0.2450,
32.0131


 213.4970, -0.2450,
32.0131

255.0000, 0.0000,
0.0000


 185.7850, -0.3870,
30.8836

 253.2390, 0.8682,
1.5444

 158.4860, -0.2396,
30.2688

 131.8880, 0.0552,
29.0392

 106.2900, 0.3500,
27.8097

 81.6920, 0.6448,
26.5801

 58.0940, 0.9397,
25.3506

 35.4960, 1.2345,

24.1210

■ 14.3110, 1.8187,
23.4063

■ 0.0000, 0.0000,
0.0000

■ 213.4970, -0.2450,
32.0131

■ 213.4970, -0.2450,
32.0131

■ 196.8840, -0.4358,
46.5827

■ 230.1100, -0.0542,
17.4435

■ 180.2710, -0.6266,
61.1523

■ 246.7230, 0.1366,
2.8739

■ 163.7720, -0.3806,
75.6220

■ 253.5050, 0.7370,
-3.0739

■ 147.1590, -0.5714,
90.1916

■ 130.5460, -0.7622,
104.7612

■ 113.9330, -0.9530,
119.3308

■ 97.3200, -1.1438,
133.9004

■ 84.0980, -1.0343,
145.4961

Harmonies

Analogous

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



213.6400, 9.5445, 18.7327



213.4970, -0.2450, 32.0131



212.8860, -10.2968, 36.0570

Triad

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



213.4970, -0.2450, 32.0131



206.8200, -17.1663, -0.7191



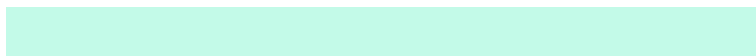
203.6220, 19.9064, -38.2565

Complementary

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



213.4970, -0.2450, 32.0131



231.5030, 0.2450, -32.0131

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.



201.1670, 13.2287, -43.1195



213.4970, -0.2450, 32.0131



204.1750, -8.9603, -19.4475

Square

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



213.4970, -0.2450, 32.0131



208.8330, -20.1307, 16.8095



201.9370, 2.0031, -35.9017



207.4760, 21.4573, -22.3425

Rectangle

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



213.4970, -0.2450, 32.0131



211.7840, -15.6695, 32.6384



201.9370, 2.0031, -35.9017



202.1440, 18.1700, -41.3453

Sweetspot

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



213.4970, -0.2450, 32.0131



243.0660, -0.0325, 10.4661



212.3330, 18.5698, 17.2480



120.7450, 0.1257, 6.3626



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.



213.4970, -0.2450, 32.0131



211.1280, -0.5561, 38.4757



216.7280, -10.7119, 29.1795



116.4570, 0.2677, 7.4922



63.5790, -0.7784, 109.9942



20.5190, -0.2559, 35.5018

Inverse Universe

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



213.4970, -0.2450, 32.0131



211.1280, -0.5561, 38.4757



228.2720, 10.7119, -29.1795



116.4570, 0.2677, 7.4922



63.5790, -0.7784, 109.9942



20.5190, -0.2559, 35.5018

Previews

White Background



This preview shows how the YUV color 213.4970, -0.2450, 32.0131 looks on a white background.

Color Contrast Check

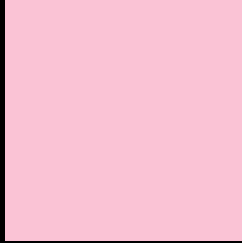
Large Text (above 18pt) WCAG AA × Fail

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 213.4970, -0.2450, 32.0131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

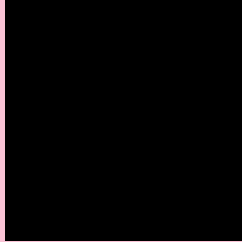
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.4970, -0.2450, 32.0131

Background



This preview shows how black text looks on a background with the YUV color 213.4970, -0.2450, 32.0131.

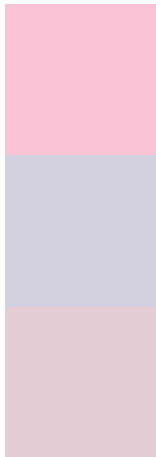


This preview shows how white text looks on a background with the YUV color 213.4970, -0.2450,

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

213.4970, -0.2450, 32.0131

Protanopia

210.6670, 5.0942, -0.5850

Deuteranopia

211.6860, -0.3382, 15.1844



Tritanopia

213.2690, -1.1186, 32.2131

Trichromacy



Original Color

213.4970, -0.2450, 32.0131

Protanomaly

211.8750, 3.0196, 11.5106

Deuteranomaly

212.4310, -0.2125, 21.5470

Tritanomaly

213.3830, -0.6818, 32.1131

Monochromacy



Original Color

213.4970, -0.2450, 32.0131

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.7780, 0.1094, 11.5957

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.4970, -0.2450, 32.0131 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(250, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(250, 195, 213)  
}
```

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(250, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 195, 213) }
```

Border

The CSS property to change the border of an element to YUV 213.4970, -0.2450, 32.0131 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(250, 195, 213) }
```


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

```
.border{ border-color:rgb(250, 195, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(250, 195,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 213.4970, -0.2450, 32.0131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 195, 213) }
```

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

```
.background{ background-color: rgb(250,  
195, 213) }
```

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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