

Converting Colors

YUV(213.1470, -33.1035,
24.4271)

Have a look what the booklet for
YUV(213.1470, -33.1035, 24.4271)
contains.

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Color

**YUV(213.1470, -33.1035,
24.4271)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D492
RGB	241, 212, 146
RGB Percent	95%, 83%, 57%
CMY	0.0549, 0.1686, 0.4275
CMYK	0.00, 0.12, 0.39, 0.05
HSL	42°, 77%, 76%
HSV	42°, 39%, 95%
XYZ	65.0074, 67.8631, 36.8668
YIQ	213.1470, 38.4700, -14.3780

Conversions

Conversions Part 2

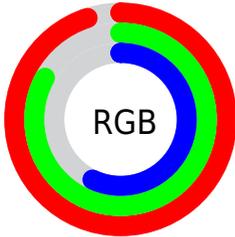
Format	Color
R _Y B	188, 241, 146
Decimal	15848594
CIE Lab	85.94, 1.15, 36.36
CIE LCh	86, 36.376, 88.196
Yxy	67.8631, 0.3830, 0.3998
Android (android.graphics.Color)	4294038674 (0xFFFF1D492)
YUV	213.1470, -33.1035, 24.4271
Hunter-Lab	82.3790, -3.3044, 31.1315

Details

The YUV color $213.1470, -33.1035, 24.4271$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $173.8530, 33.1035, -24.4271$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.8440, -23.5871, 5.3988$, and $158.1790, -31.6402, 21.7680$ is the 20% darker color. If you saturate the color by 10%, you get $206.3020, -41.5609, 30.4301$, and if you desaturate by 10%, it is $219.9920, -24.6461, 18.4240$.

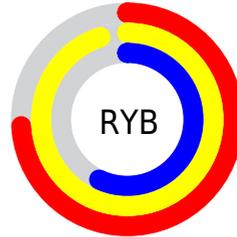
Distribution



Red (95%)

Green (83%)

Blue (57%)



Red (74%)

Yellow (95%)

Blue (57%)

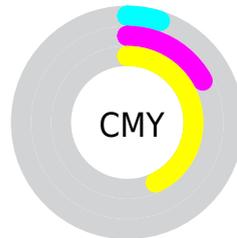


Cyan (0%)

Magenta (12%)

Yellow (39%)

Black (5%)



Cyan (5%)

Magenta (17%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.1470, -33.1035, 24.4271 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 213.1470, -33.1035, 24.4271 by changing the saturation by 10% instead.

■ 213.1470,
-33.1035, 24.4271

■ 213.1470,
-33.1035, 24.4271

255.0000, 0.0000,
0.0000

■ 185.0760,
-32.0825, 23.6123

■ 248.8440,
-23.5871, 5.3988

■ 158.1790,
-31.6402, 21.7680

■ 252.0360,
-11.3567, 2.5994

■ 132.1080,
-30.6192, 20.9533

■ 105.7380,
-29.4508, 19.5238

■ 81.1400, -29.1560,
18.2942

■ 57.9440, -28.5664,
15.8351

■ 37.8540, -18.6620,

12.4060

■ 18.6390, -9.1890,
7.3326

■ 0.0000, 0.0000,
0.0000

■ 213.1470,
-33.1035, 24.4271

■ 213.1470,
-33.1035, 24.4271

■ 206.3020,
-41.5609, 30.4301

■ 219.9920,
-24.6461, 18.4240

■ 198.8700,
-49.7289, 36.9480

■ 227.4240,
-16.4780, 11.9062

■ 192.0250,
-58.1863, 42.9511

■ 234.2690, -8.0206,
5.9031

■ 185.1800,
-66.6437, 48.9541

■ 241.1140, 0.4368,
-0.1000

■ 177.6340,
-75.2486, 55.5720

■ 247.2920, 3.8000,
-5.5181

■ 170.7890,
-83.7060, 61.5750

■ 250.8140, 2.0637,
-8.6069

■ 170.0880,
-83.8534, 62.1898

Harmonies

Analogous

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



211.6570, -26.4529, 38.0118



213.1470, -33.1035, 24.4271



209.6380, -27.9225, -4.0675

Triad

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



213.1470, -33.1035, 24.4271



195.6120, 24.8413, -81.2207



219.4380, 16.0531, 31.1879

Complementary

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



213.1470, -33.1035, 24.4271



173.8530, 33.1035, -24.4271

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.



215.4620, 19.4922, 1.3488



213.1470, -33.1035, 24.4271



198.7860, 27.7135, -69.0953

Square

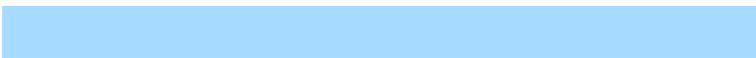
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.1470, -33.1035, 24.4271



199.2000, 6.3104, -64.1964



207.2570, 23.5373, -36.1824



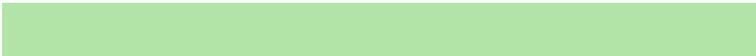
212.0400, 2.9383, 37.6759

Rectangle

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



213.1470, -33.1035, 24.4271



206.2100, -18.8375, -24.7402



207.2570, 23.5373, -36.1824



219.1380, 17.6800, 22.6810

Sweetspot

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



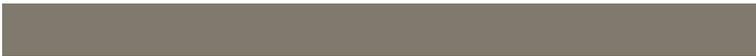
213.1470, -33.1035, 24.4271



246.1830, -10.9362, 7.7325



177.8250, -0.8997, 55.4045



122.4260, -6.1260, 4.8884



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.



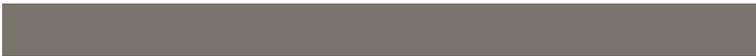
213.1470, -33.1035, 24.4271



219.6010, -41.7083, 31.0449



225.0870, -38.9899, -0.9533



116.2840, -4.0840, 3.2589



130.1520, -64.1649, 47.2247



39.6370, -19.5410, 14.3504

Inverse Universe

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



173.8530, 33.1035, -24.4271



170.3990, 41.7083, -31.0449



161.9130, 38.9899, 0.9533



111.7160, 4.0840, -3.2589



53.8480, 64.1649, -47.2247



16.3630, 19.5410, -14.3504

Previews

White Background



This preview shows how the YUV color 213.1470, -33.1035, 24.4271 looks on a white background.

Color Contrast Check

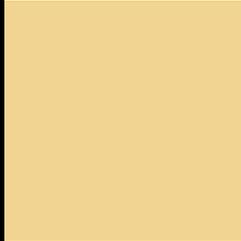
Large Text (above 18pt) WCAG AA × Fail

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 213.1470, -33.1035, 24.4271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

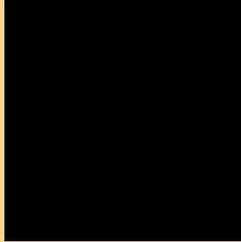
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

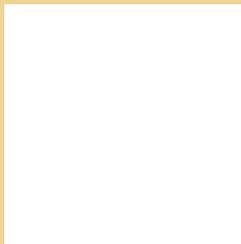
Any Text WCAG AAA ✓ Pass

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

YUV 213.1470, -33.1035, 24.4271 Background



This preview shows how black text looks on a background with the YUV color 213.1470, -33.1035, 24.4271.



This preview shows how white text looks on a background with the YUV color 213.1470, -33.1035, 24.4271.

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

213.1470, -33.1035, 24.4271

Protanopia

212.6300, -32.3556, 17.8645

Deuteranopia

214.4950, -30.8100, 35.5229



Tritanopia

218.5780, 0.2080, 26.6801

Trichromacy



Original Color

213.1470, -33.1035, 24.4271

Protanomaly

212.9400, -32.5084, 20.2236

Deuteranomaly

213.9460, -31.5254, 31.6194

Tritanomaly

216.3640, -12.0115, 25.9908

Monochromacy



Original Color

213.1470, -33.1035, 24.4271

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.2540, -11.9572, 8.5472

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.1470, -33.1035, 24.4271 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(241, 212, 146)` looks like.

```
.text, #text, p{  
    color:rgb(241, 212, 146)  
}
```

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(241, 212, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 212, 146) }
```

Border

The CSS property to change the border of an element to YUV 213.1470, -33.1035, 24.4271 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(241, 212, 146) }
```

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

```
.border{ border-color:rgb(241, 212, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 212, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 212, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 212, 146);  
box-shadow:4px 4px 4px 4px rgb(241, 212,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 213.1470, -33.1035, 24.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 212, 146) }
```

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

```
.background{ background-color: rgb(241,  
212, 146) }
```

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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