

Converting Colors

YUV(213.5650, -30.3515,
28.4455)

Have a look what the booklet for
YUV(213.5650, -30.3515, 28.4455)
contains.

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Color

**YUV(213.5650, -30.3515,
28.4455)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D198
RGB	246, 209, 152
RGB Percent	96%, 82%, 60%
CMY	0.0353, 0.1804, 0.4039
CMYK	0.00, 0.15, 0.38, 0.04
HSL	36°, 84%, 78%
HSV	36°, 38%, 96%
XYZ	66.4740, 67.4608, 39.2234
YIQ	213.5650, 40.3490, -9.8830

Conversions

Conversions Part 2

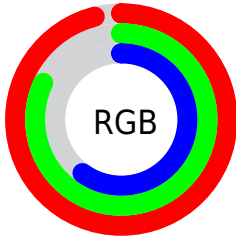
Format	Color
R _Y B	213, 246, 152
Decimal	16175512
CIE Lab	85.74, 5.30, 33.10
CIE LCh	86, 33.523, 80.898
Yxy	67.4608, 0.3839, 0.3896
Android (android.graphics.Color)	4294365592 (0xFFFF6D198)
YUV	213.5650, -30.3515, 28.4455
Hunter-Lab	82.1345, 0.7302, 29.1801

Details

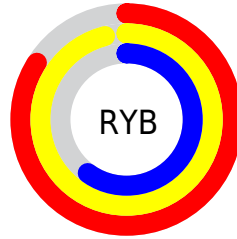
The YUV color $213.5650, -30.3515, 28.4455$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $184.4350, 30.3515, -28.4455$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.5280, -20.9663, 4.7989$, and $158.5970, -28.8883, 25.7864$ is the 20% darker color. If you saturate the color by 10%, you get $204.8450, -38.3776, 36.0929$, and if you desaturate by 10%, it is $222.2850, -22.3255, 20.7981$.

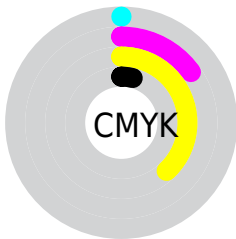
Distribution



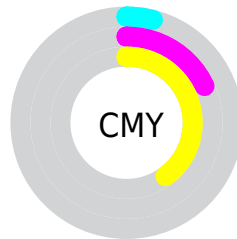
- Red (96%)
- Green (82%)
- Blue (60%)



- Red (84%)
- Yellow (96%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (38%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.5650, -30.3515, 28.4455 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 213.5650, -30.3515, 28.4455 by changing the saturation by 10% instead.

213.5650,
-30.3515, 28.4455

213.5650,
-30.3515, 28.4455

255.0000, 0.0000,
0.0000

185.4940,
-29.3305, 27.6308

249.5280,
-20.9663, 4.7989

158.5970,
-28.8883, 25.7864

252.7200, -8.7360,
1.9996

132.2270,
-27.7199, 24.3569

106.7430,
-26.9883, 23.0274

81.9600, -26.1093,
21.0831

57.9490, -26.1039,
19.3387

37.8760, -18.6729,

15.8947

■ 18.0740, -8.9105,
11.3361

■ 0.0000, 0.0000,
0.0000

■ 213.5650,
-30.3515, 28.4455

■ 213.5650,
-30.3515, 28.4455

■ 204.8450,
-38.3776, 36.0929

■ 222.2850,
-22.3255, 20.7981

■ 196.8260,
-46.2562, 43.1256

■ 230.3040,
-14.4469, 13.7654

■ 188.1060,
-54.2823, 50.7730

■ 239.0240, -6.4208,
6.1180

■ 179.5000,
-61.8715, 58.3205

■ 247.6300, 1.1684,
-1.4295

■ 171.3670,
-70.1869, 65.4531

■ 252.3090, 1.3267,
-5.5330

■ 162.6470,
-78.2130, 73.1006

■ 161.0170,
-79.3814, 74.5301

Harmonies

Analogous

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



211.9820, -22.6691, 37.7268



213.5650, -30.3515, 28.4455



210.2090, -27.2180, 3.3247

Triad

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



213.5650, -30.3515, 28.4455



198.3700, 18.5516, -70.4845



219.4370, 17.5326, 23.2958

Complementary

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



213.5650, -30.3515, 28.4455



184.4350, 30.3515, -28.4455

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.



213.9340, 20.2455, -6.9581



213.5650, -30.3515, 28.4455



199.9820, 27.1239, -66.6362

Square

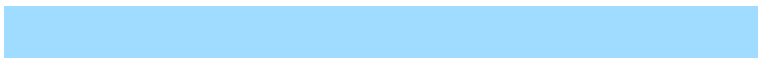
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.5650, -30.3515, 28.4455



201.1970, 0.8889, -51.9158



206.0500, 24.1324, -40.3858



214.5990, 5.1277, 35.4317

Rectangle

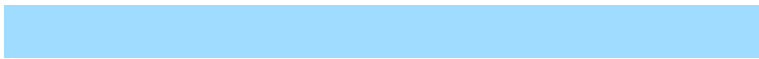
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.5650, -30.3515, 28.4455



207.8090, -20.6118, -15.6185



206.0500, 24.1324, -40.3858



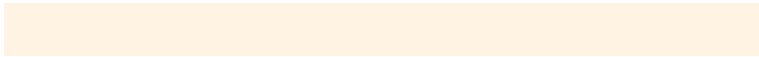
217.6100, 18.4333, 14.3740

Sweetspot

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



213.5650, -30.3515, 28.4455



245.3510, -9.0470, 8.4622



184.4380, 2.7421, 53.9899



121.9530, -5.3998, 5.3032



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.



213.5650, -30.3515, 28.4455



214.6600, -37.7934, 35.3782



232.5930, -39.7323, 3.8649



118.2840, -4.0840, 3.2589



121.9450, -60.1189, 56.1762



38.7730, -19.1151, 17.7391

Inverse Universe

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



184.4350, 30.3515, -28.4455



178.3400, 37.7934, -35.3782



165.4070, 39.7323, -3.8649



114.3030, 3.7946, -3.7737



64.0550, 60.1189, -56.1762



20.2270, 19.1151, -17.7391

Previews

White Background



This preview shows how the YUV color 213.5650, -30.3515, 28.4455 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 213.5650, -30.3515, 28.4455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

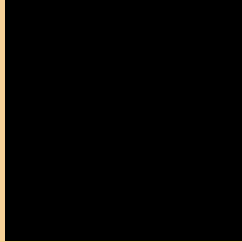
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.5650, -30.3515, 28.4455

Background



This preview shows how black text looks on a background with the YUV color 213.5650, -30.3515, 28.4455.



This preview shows how white text looks on a background with the YUV color 213.5650, -30.3515, 28.4455.

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

213.5650, -30.3515, 28.4455

Protanopia

212.2430, -28.7138, 16.4499

Deuteranopia

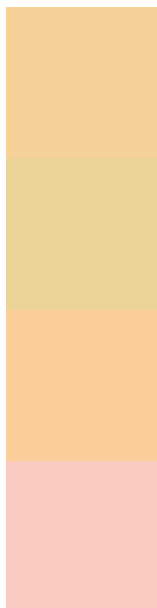
214.0220, -30.0838, 35.9377



Tritanopia

218.2580, -1.1132, 30.4687

Trichromacy



Original Color

213.5650, -30.3515, 28.4455

Protanomaly

212.4500, -29.3088, 20.6534

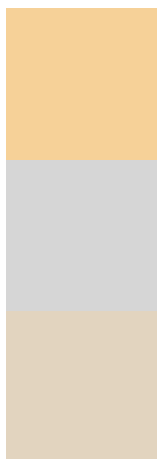
Deuteranomaly

213.7120, -29.9310, 33.5786

Tritanomaly

216.5000, -11.5855, 29.3795

Monochromacy



Original Color

213.5650, -30.3515, 28.4455

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.7920, -11.2365, 10.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.5650, -30.3515, 28.4455 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(246, 209, 152)` looks like.

```
.text, #text, p{  
    color:rgb(246, 209, 152)  
}
```

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(246, 209, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 209, 152) }
```

Border

The CSS property to change the border of an element to YUV 213.5650, -30.3515, 28.4455 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(246, 209, 152) }
```


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

```
.border{ border-color:rgb(246, 209, 152) }
```

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

Here you see how a box with a 4 pixel rgb(246, 209, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 209, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 209, 152);  
box-shadow:4px 4px 4px 4px rgb(246, 209,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 213.5650, -30.3515, 28.4455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 209, 152) }
```

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

```
.background{ background-color: rgb(246,  
209, 152) }
```

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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