

Converting Colors

YUV(205.3530, -28.7680,
33.8934)

Have a look what the booklet for
YUV(205.3530, -28.7680, 33.8934)
contains.

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Color

**YUV(205.3530, -28.7680,
33.8934)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C593
RGB	244, 197, 147
RGB Percent	96%, 77%, 58%
CMY	0.0431, 0.2275, 0.4235
CMYK	0.00, 0.19, 0.40, 0.04
HSL	31°, 82%, 77%
HSV	31°, 40%, 96%
XYZ	62.5409, 61.2722, 36.1342
YIQ	205.3530, 44.0620, -5.5860

Conversions

Conversions Part 2

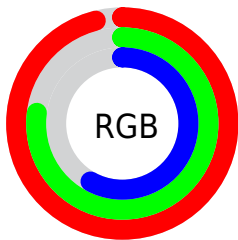
Format	Color
R _Y B	238, 244, 147
Decimal	16041363
CIE Lab	82.52, 10.21, 31.40
CIE LCh	83, 33.022, 71.984
Yxy	61.2722, 0.3910, 0.3831
Android (android.graphics.Color)	4294231443 (0xFFFF4C593)
YUV	205.3530, -28.7680, 33.8934
Hunter-Lab	78.2766, 5.6329, 27.4240

Details

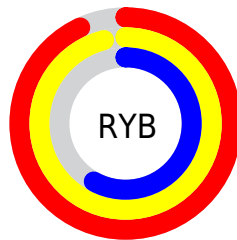
The YUV color $205.3530, -28.7680, 33.8934$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $185.6470, 28.7680, -33.8934$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.2570, -23.2977, 5.9136$, and $150.4990, -26.8680, 31.1344$ is the 20% darker color. If you saturate the color by 10%, you get $195.5730, -35.7785, 42.4705$, and if you desaturate by 10%, it is $215.1330, -21.7576, 25.3164$.

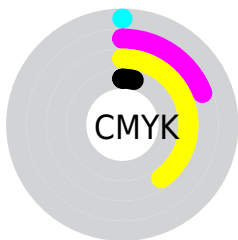
Distribution



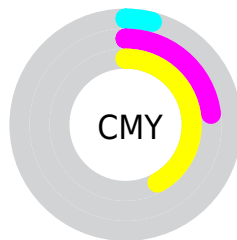
- Red (96%)
- Green (77%)
- Blue (58%)



- Red (93%)
- Yellow (96%)
- Blue (58%)



- Cyan (0%)
- Magenta (19%)
- Yellow (40%)
- Black (4%)



- Cyan (4%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 205.3530, -28.7680, 33.8934 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 205.3530, -28.7680, 33.8934 by changing the saturation by 10% instead.

205.3530,
-28.7680, 33.8934

205.3530,
-28.7680, 33.8934

255.0000, 0.0000,
0.0000

177.8690,
-28.0364, 32.5639

248.2570,
-23.2977, 5.9136

150.4990,
-26.8680, 31.1344

252.1500,
-10.9200, 2.4994

124.7160,
-25.9890, 29.1901

99.2320, -25.2574,
27.8605

74.5630, -23.9416,
25.8162

51.0250, -24.6623,
23.6571

31.1090, -15.3367,

19.1984

■ 9.2580, -4.5642,
17.3137

■ 0.0000, 0.0000,
0.0000

■ 205.3530,
-28.7680, 33.8934

■ 205.3530,
-28.7680, 33.8934

■ 195.5730,
-35.7785, 42.4705

■ 215.1330,
-21.7576, 25.3164

■ 185.6790,
-43.2257, 51.1475

■ 225.0270,
-14.3103, 16.6393

■ 176.4860,
-50.5256, 59.2098

■ 234.2200, -7.0105,
8.5771

■ 166.5920,
-57.9729, 67.8868

■ 244.1140, 0.4368,
-0.1000

■ 156.8120,
-64.9833, 76.4639

■ 251.7110, 1.6215,
-6.7625

■ 147.0320,
-71.9938, 85.0409

■ 146.9180,
-72.4306, 85.1409

Harmonies

Analogous

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



204.8240, -19.6332, 44.0044



205.3530, -28.7680, 33.8934



202.2100, -28.6975, 11.2168

Triad

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



205.3530, -28.7680, 33.8934



190.0240, 13.2992, -65.7960



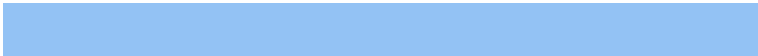
209.5930, 20.9067, 14.3889

Complementary

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



205.3530, -28.7680, 33.8934



185.6470, 28.7680, -33.8934

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.



203.8340, 25.2248, -17.3944



205.3530, -28.7680, 33.8934



190.0740, 27.5715, -70.2249

Square

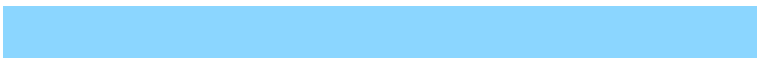
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



205.3530, -28.7680, 33.8934



193.8730, -4.3744, -43.7386



196.2490, 28.9642, -50.2074



210.4900, 7.1534, 39.0353

Rectangle

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



205.3530, -28.7680, 33.8934



199.7670, -23.5491, -6.8117



196.2490, 28.9642, -50.2074



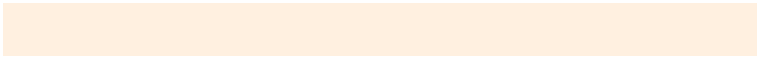
208.3960, 22.9758, 4.0377

Sweetspot

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



205.3530, -28.7680, 33.8934



242.6610, -9.1999, 10.8213



181.4750, 6.6678, 54.8344



120.6650, -5.2578, 6.4328



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.



205.3530, -28.7680, 33.8934



206.4590, -36.2153, 42.5705



232.9420, -42.3694, 9.6979



117.1100, -3.5052, 4.2885



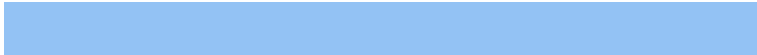
111.9660, -55.1992, 64.9278



35.2510, -17.3787, 20.8279

Inverse Universe

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



185.6470, 28.7680, -33.8934



181.5410, 36.2153, -42.5705



158.0580, 42.3694, -9.6979



114.8900, 3.5052, -4.2885



74.0340, 55.1992, -64.9278



23.1620, 17.6681, -20.3131

Previews

White Background



This preview shows how the YUV color 205.3530, -28.7680, 33.8934 looks on a white background.

Color Contrast Check

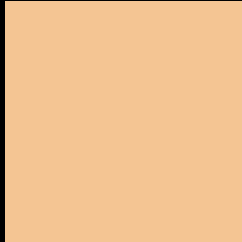
Large Text (above 18pt) WCAG AA × Fail

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 205.3530, -28.7680, 33.8934 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 205.3530, -28.7680, 33.8934 Background



This preview shows how black text looks on a background with the YUV color 205.3530, -28.7680, 33.8934.



This preview shows how white text looks on a background with the YUV color 205.3530, -28.7680,

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

205.3530, -28.7680, 33.8934

Protanopia

203.6280, -25.9456, 15.2352

Deuteranopia

205.3530, -28.7680, 33.8934



Tritanopia

208.9490, -2.4399, 36.0017

Trichromacy



Original Color

205.3530, -28.7680, 33.8934

Protanomaly

204.1450, -26.6935, 21.7978

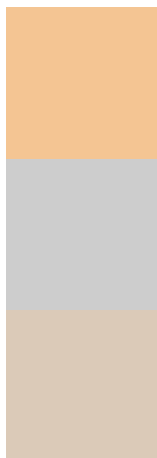
Deuteranomaly

205.3530, -28.7680, 33.8934

Tritanomaly

207.7180, -12.1860, 35.3273

Monochromacy



Original Color

205.3530, -28.7680, 33.8934

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.0310, -10.3683, 12.2508

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.3530, -28.7680, 33.8934 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, 197, 147)` looks like.

```
.text, #text, p{  
    color:rgb(244, 197, 147)  
}
```

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, 197, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 197, 147) }
```

Border

The CSS property to change the border of an element to YUV 205.3530, -28.7680, 33.8934 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, 197, 147) }
```


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

```
.border{ border-color:rgb(244, 197, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 197, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 197, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 197, 147);  
box-shadow:4px 4px 4px 4px rgb(244, 197,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 205.3530, -28.7680, 33.8934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 197, 147) }
```

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

```
.background{ background-color: rgb(244,  
197, 147) }
```

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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