

Converting Colors

YUV(221.2180, -34.1245,
25.2418)

Have a look what the booklet for
YUV(221.2180, -34.1245, 25.2418)
contains.

YUV(221.2180, -34.1245, 25.2418)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(221.2180, -34.1245,
25.2418)**

Conversions

Conversions Part 1

Format	Color
Hex	FADC98
RGB	250, 220, 152
RGB Percent	98%, 86%, 60%
CMY	0.0196, 0.1373, 0.4039
CMYK	0.00, 0.12, 0.39, 0.02
HSL	42°, 91%, 79%
HSV	42°, 39%, 98%
XYZ	70.6850, 73.7774, 40.2207
YIQ	221.2180, 39.7080, -14.7880

Conversions

Conversions Part 2

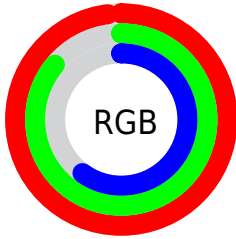
Format	Color
R _Y B	195, 250, 152
Decimal	16440472
CIE Lab	88.82, 1.20, 37.22
CIE LCh	89, 37.236, 88.148
Yxy	73.7774, 0.3827, 0.3995
Android (android.graphics.Color)	4294630552 (0xFFFA9C98)
YUV	221.2180, -34.1245, 25.2418
Hunter-Lab	85.8938, -3.4201, 32.3624

Details

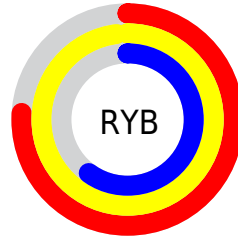
The YUV color $221.2180, -34.1245, 25.2418$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $180.7820, 34.1245, -25.2418$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.5280, -20.9663, 4.7989$, and $165.6630, -32.3719, 23.0975$ is the 20% darker color. If you saturate the color by 10%, you get $213.6720, -42.7293, 31.8597$, and if you desaturate by 10%, it is $228.7640, -25.5197, 18.6240$.

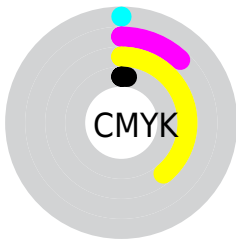
Distribution



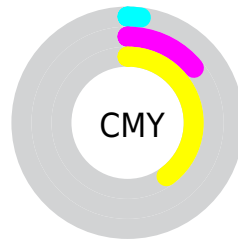
- Red (98%)
- Green (86%)
- Blue (60%)



- Red (76%)
- Yellow (98%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (39%)
- Black (2%)



- Cyan (2%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.2180, -34.1245, 25.2418 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 221.2180, -34.1245, 25.2418 by changing the saturation by 10% instead.

221.2180,
-34.1245, 25.2418

221.2180,
-34.1245, 25.2418

255.0000, 0.0000,
0.0000

193.1470,
-33.1035, 24.4271

249.5280,
-20.9663, 4.7989

165.6630,
-32.3719, 23.0975

252.7200, -8.7360,
1.9996

139.1790,
-31.6402, 21.7680

113.3960,
-30.7612, 19.8237

88.2110, -30.1770,
19.1090

64.0860, -30.6084,
17.4646

43.4690, -21.4302,

13.6207

■ 24.2540, -11.9572,
8.5472

■ 0.0000, 0.0000,
0.0000

■ 221.2180,
-34.1245, 25.2418

■ 221.2180,
-34.1245, 25.2418

■ 213.6720,
-42.7293, 31.8597

■ 228.7640,
-25.5197, 18.6240

■ 206.7130,
-51.6235, 37.9627

■ 235.7230,
-16.6254, 12.5209

■ 199.1670,
-60.2283, 44.5805

■ 243.2690, -8.0206,
5.9031

■ 191.6210,
-68.8332, 51.1984

■ 250.8150, 0.5842,
-0.7148

■ 184.6620,
-77.7274, 57.3014

■ 253.5050, 0.7370,
-3.0739

■ 177.1160,
-86.3322, 63.9193

■ 176.3010,
-86.9164, 64.6340

Harmonies

Analogous

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



217.0370, -26.1472, 33.2936



221.2180, -34.1245, 25.2418



217.5240, -28.3593, -3.9675

Triad

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



221.2180, -34.1245, 25.2418



203.4160, 25.4309, -83.6798



224.4760, 15.0483, 26.7695

Complementary

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



221.2180, -34.1245, 25.2418



180.7820, 34.1245, -25.2418

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.



222.5500, 15.9979, 2.1487



221.2180, -34.1245, 25.2418



205.5640, 24.3719, -70.6546

Square

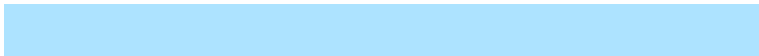
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.2180, -34.1245, 25.2418



206.4880, 6.1684, -65.3260



214.0460, 20.1903, -35.9973



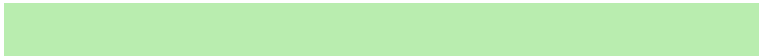
217.7620, 4.5543, 32.6577

Rectangle

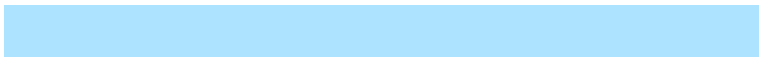
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221.2180, -34.1245, 25.2418



214.3840, -19.4163, -25.7698



214.0460, 20.1903, -35.9973



226.5250, 14.0382, 24.0956

Sweetspot

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



221.2180, -34.1245, 25.2418



246.1830, -10.9362, 7.7325



184.8360, -0.9051, 57.1488



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.



221.2180, -34.1245, 25.2418



219.6010, -41.7083, 31.0449



233.4460, -40.1529, -1.2681



121.1700, -4.5208, 3.3589



133.4080, -65.7701, 48.7542



42.8930, -21.1462, 15.8798

Inverse Universe

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



180.7820, 34.1245, -25.2418



170.3990, 41.7083, -31.0449



168.5540, 40.1529, 1.2681



115.8300, 4.5208, -3.3589



55.5920, 65.7701, -48.7542



18.1070, 21.1462, -15.8798

Previews

White Background



This preview shows how the YUV color 221.2180, -34.1245, 25.2418 looks on a white background.

Color Contrast Check

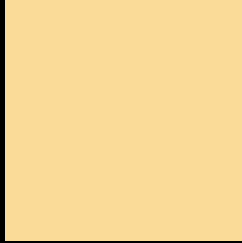
Large Text (above 18pt) WCAG AA × Fail

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 221.2180, -34.1245, 25.2418 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 221.2180, -34.1245, 25.2418 Background



This preview shows how black text looks on a background with the YUV color 221.2180, -34.1245, 25.2418.



This preview shows how white text looks on a background with the YUV color 221.2180, -34.1245, 25.2418.

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

221.2180, -34.1245, 25.2418

Protanopia

220.4020, -33.2292, 18.0644

Deuteranopia

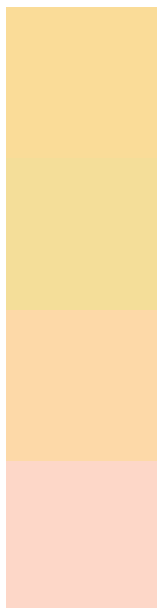
223.2150, -22.7840, 27.8754



Tritanopia

226.5670, 0.2135, 24.9357

Trichromacy



Original Color

221.2180, -34.1245, 25.2418

Protanomaly

220.7120, -33.3820, 20.4236

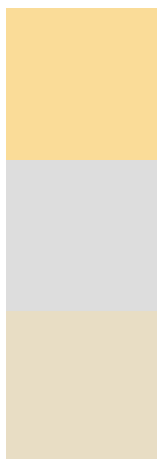
Deuteranomaly

222.1780, -26.7098, 27.0309

Tritanomaly

224.6520, -12.1534, 24.8612

Monochromacy



Original Color

221.2180, -34.1245, 25.2418

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.4390, -12.5414, 9.2620

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.2180, -34.1245, 25.2418 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, 220, 152)` looks like.

```
.text, #text, p{  
    color:rgb(250, 220, 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(250, 220, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 220, 152) }
```

Border

The CSS property to change the border of an element to YUV 221.2180, -34.1245, 25.2418 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, 220, 152) }
```


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

```
.border{ border-color:rgb(250, 220, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 220, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 220, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 220, 152);  
box-shadow:4px 4px 4px 4px rgb(250, 220,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 221.2180, -34.1245, 25.2418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 220, 152) }
```

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

```
.background{ background-color: rgb(250,  
220, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor