

Converting Colors

YUV(218.6140, -14.5997,
16.1245)

Have a look what the booklet for
YUV(218.6140, -14.5997, 16.1245)
contains.

YUV(218.6140, -14.5997, 16.1245)	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(218.6140, -14.5997,
16.1245)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD7BD
RGB	237, 215, 189
RGB Percent	93%, 84%, 74%
CMY	0.0706, 0.1569, 0.2588
CMYK	0.00, 0.09, 0.20, 0.07
HSL	32°, 57%, 84%
HSV	32°, 20%, 93%
XYZ	68.4108, 70.2795, 58.1038
YIQ	218.6140, 21.4580, -3.4220

Conversions

Conversions Part 2

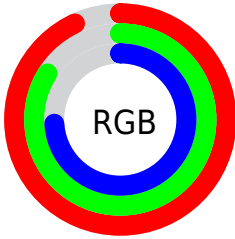
Format	Color
R _Y B	230, 237, 189
Decimal	15587261
CIE Lab	87.13, 3.55, 15.59
CIE LCh	87, 15.993, 77.182
Yxy	70.2795, 0.3476, 0.3571
Android (android.graphics.Color)	4293777341 (0xFFEDD7BD)
YUV	218.6140, -14.5997, 16.1245
Hunter-Lab	83.8329, -1.0448, 17.5897

Details

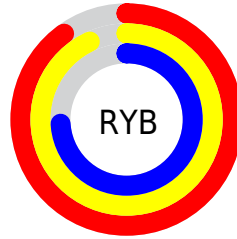
The YUV color $218.6140, -14.5997, 16.1245$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $207.3860, 14.5997, -16.1245$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8600, -4.3680, 0.9998$, and $163.5430, -13.5787, 15.3098$ is the 20% darker color. If you saturate the color by 10%, you get $209.4210, -21.8996, 24.1868$, and if you desaturate by 10%, it is $227.8070, -7.2999, 8.0623$.

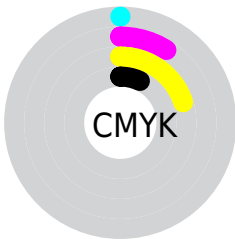
Distribution



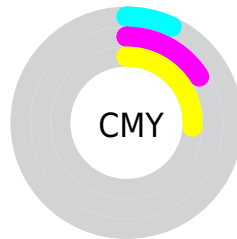
- Red (93%)
- Green (84%)
- Blue (74%)



- Red (90%)
- Yellow (93%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (7%)



- Cyan (7%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.6140, -14.5997, 16.1245 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 218.6140, -14.5997, 16.1245 by changing the saturation by 10% instead.

■ 218.6140,
-14.5997, 16.1245

■ 218.6140,
-14.5997, 16.1245

255.0000, 0.0000,
0.0000

■ 190.7280,
-14.1629, 16.0245

■ 253.8600, -4.3680,
0.9998

■ 163.5430,
-13.5787, 15.3098

■ 137.2440,
-13.4313, 14.6950

■ 111.7600,
-12.6997, 13.3655

■ 87.4610, -12.5523,
12.7507

■ 63.9770, -11.8207,
11.4212

■ 41.9060, -10.7997,

10.6064

■ 21.0200, -10.3629,
10.5065

■ 0.0000, 0.0000,
0.0000

■ 218.6140,
-14.5997, 16.1245

■ 218.6140,
-14.5997, 16.1245

■ 209.4210,
-21.8996, 24.1868

■ 227.8070, -7.2999,
8.0623

■ 200.3420,
-28.7626, 32.1491

■ 236.8860, -0.4368,
0.1000

■ 191.1490,
-36.0625, 40.2113

■ 245.5090, 4.6791,
-7.4624

■ 182.5430,
-43.6517, 47.7588

■ 249.6180, 2.6533,
-11.0660

■ 173.4640,
-50.5148, 55.7211

■ 164.2710,
-57.8146, 63.7833

■ 155.0780,
-65.1145, 71.8456

■ 145.9990,
-71.9775, 79.8079

Harmonies

Analogous

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



220.4670, -11.5692, 24.1464



218.6140, -14.5997, 16.1245



216.7650, -13.6881, 3.7141

Triad

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



218.6140, -14.5997, 16.1245



212.9470, 6.9281, -28.8945



221.0580, 8.8454, 9.5961

Complementary

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



218.6140, -14.5997, 16.1245



207.3860, 14.5997, -16.1245

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.



219.2240, 13.6936, -5.4584



218.6140, -14.5997, 16.1245



213.8530, 12.8905, -27.9351

Square

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



218.6140, -14.5997, 16.1245



213.5150, -1.2399, -22.3767



216.4780, 15.0473, -19.7132



221.5880, 1.6821, 20.5323

Rectangle

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



218.6140, -14.5997, 16.1245



215.5080, -10.6034, -5.7075



216.4780, 15.0473, -19.7132



220.1930, 10.7509, 5.0927

Sweetspot

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



218.6140, -14.5997, 16.1245



249.1810, -4.5262, 5.1033



205.8600, 2.5340, 27.3098



124.0390, -2.4842, 3.4738



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.



218.6140, -14.5997, 16.1245



231.6100, -18.5417, 20.5130



230.9300, -20.6715, 3.5694



112.8110, -3.3578, 3.6738



111.6450, -55.0410, 60.8243



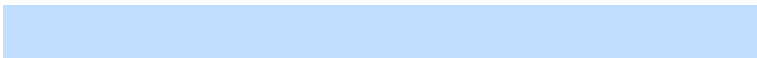
33.1690, -16.3523, 18.2688

Inverse Universe

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



207.3860, 14.5997, -16.1245



217.3900, 18.5417, -20.5130



195.0700, 20.6715, -3.5694



110.1890, 3.3578, -3.6738



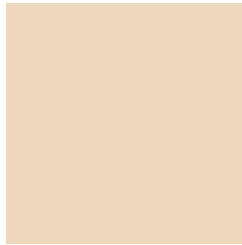
69.3550, 55.0410, -60.8243



20.8310, 16.3523, -18.2688

Previews

White Background



This preview shows how the YUV color 218.6140, -14.5997, 16.1245 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 218.6140, -14.5997, 16.1245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

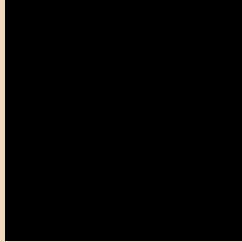
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.6140, -14.5997, 16.1245

Background



This preview shows how black text looks on a background with the YUV color 218.6140, -14.5997, 16.1245.



This preview shows how white text looks on a background with the YUV color 218.6140, -14.5997, 16.1245.

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

218.6140, -14.5997, 16.1245

Protanopia

218.0970, -13.8518, 9.5619

Deuteranopia

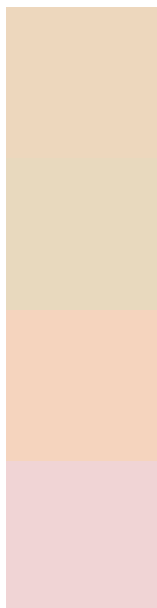
219.6800, -14.6322, 26.5906



Tritanopia

221.3920, 2.2717, 18.0732

Trichromacy



Original Color

218.6140, -14.5997, 16.1245

Protanomaly

218.4070, -14.0047, 11.9211

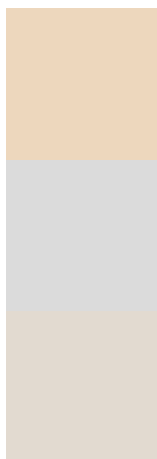
Deuteranomaly

219.3590, -14.4740, 22.4872

Tritanomaly

220.4860, -3.6906, 17.1138

Monochromacy



Original Color

218.6140, -14.5997, 16.1245

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.2520, -5.5472, 5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.6140, -14.5997, 16.1245 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(237, 215, 189)` looks like.

```
.text, #text, p{  
    color:rgb(237, 215, 189)  
}
```

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(237, 215, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 215, 189) }
```

Border

The CSS property to change the border of an element to YUV 218.6140, -14.5997, 16.1245 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

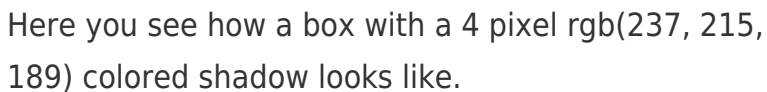
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 215, 189) }
```


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

```
.border{ border-color:rgb(237, 215, 189) }
```

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



Here you see how a box with a 4 pixel rgb(237, 215, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 215, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 215, 189);  
box-shadow:4px 4px 4px 4px rgb(237, 215,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 218.6140, -14.5997, 16.1245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 215, 189) }
```

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

```
.background{ background-color: rgb(237,  
215, 189) }
```

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