

Converting Colors

YUV(214.9610, -34.4908,
2.6652)

Have a look what the booklet for
YUV(214.9610, -34.4908, 2.6652)
contains.

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Color

**YUV(214.9610, -34.4908,
2.6652)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE391
RGB	218, 227, 145
RGB Percent	85%, 89%, 57%
CMY	0.1451, 0.1098, 0.4314
CMYK	0.04, 0.00, 0.36, 0.11
HSL	67°, 59%, 73%
HSV	67°, 36%, 89%
XYZ	61.4934, 71.8879, 37.4228
YIQ	214.9610, 20.9580, -27.4100

Conversions

Conversions Part 2

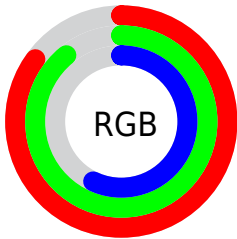
Format	Color
RYB	145, 227, 154
Decimal	14345105
CIELab	87.91, -15.46, 39.07
CIELCh	88, 42.016, 111.590
Yxy	71.8879, 0.3600, 0.4209
Android (android.graphics.Color)	4292535185 (0xFFDAE391)
YUV	214.9610, -34.4908, 2.6652
Hunter-Lab	84.7868, -18.9160, 33.1816

Details

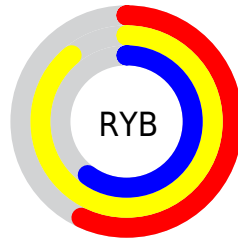
The YUV color $214.9610, -34.4908, 2.6652$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $157.0390, 34.4908, -2.6652$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7300, -24.0239, 5.4988$, and $160.0040, -33.0330, 1.7505$ is the 20% darker color. If you saturate the color by 10%, you get $211.7410, -44.2423, 3.7351$, and if you desaturate by 10%, it is $218.1810, -24.7392, 1.5953$.

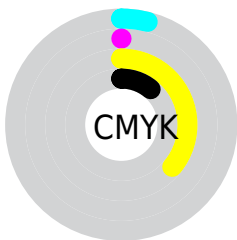
Distribution



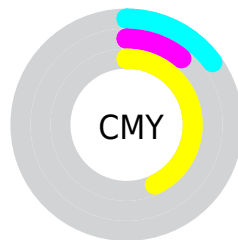
- Red (85%)
- Green (89%)
- Blue (57%)



- Red (57%)
- Yellow (89%)
- Blue (60%)



- Cyan (4%)
- Magenta (0%)
- Yellow (36%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.9610, -34.4908, 2.6652 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 214.9610, -34.4908, 2.6652 by changing the saturation by 10% instead.

■ 214.9610,
-34.4908, 2.6652

■ 214.9610,
-34.4908, 2.6652

255.0000, 0.0000,
0.0000

■ 187.1890,
-33.6172, 2.4652

■ 248.7300,
-24.0239, 5.4988

■ 160.0040,
-33.0330, 1.7505

■ 251.9220,
-11.7935, 2.6994

■ 133.2320,
-32.1594, 1.5505

■ 108.0470,
-31.5752, 0.8358

■ 82.7480, -31.4278,
0.2210

■ 59.0190, -29.0964,
-0.8937

■ 39.2280, -19.3394,

-3.7080

■ 18.2190, -8.9820,
-12.4701

■ 0.0000, 0.0000,
0.0000

■ 214.9610,
-34.4908, 2.6652

■ 214.9610,
-34.4908, 2.6652

■ 211.7410,
-44.2423, 3.7351

■ 218.1810,
-24.7392, 1.5953

■ 208.3360,
-53.4096, 4.0903

■ 221.5860,
-15.5719, 1.2401

■ 205.1160,
-63.1612, 5.1603

■ 224.8060, -5.8204,
0.1701

■ 201.5970,
-72.7653, 5.6154

■ 228.3250, 3.7838,
-0.2850

■ 198.4910,
-82.0801, 6.5854

■ 231.0890, 11.7881,
-0.9551

■ 194.9720,
-91.6842, 7.0406

■ 231.9860, 11.3459,
0.8893

■ 193.6470,
-95.4680, 7.3256

■ 232.5840, 11.0511,
2.1188

■ 233.4810, 10.6089,
3.9632

■ 234.0790, 10.3141,
5.1927

Harmonies

Analogous

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



217.9370, -37.9299, 32.5043



214.9610, -34.4908, 2.6652



209.3400, -19.3946, -32.7472

Triad

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



214.9610, -34.4908, 2.6652



194.5010, 29.8260, -93.4014



214.9240, 8.9115, 35.1467

Complementary

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



214.9610, -34.4908, 2.6652



157.0390, 34.4908, -2.6652

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.



222.7150, 15.9165, 28.3139



214.9610, -34.4908, 2.6652



206.5600, 23.8809, -53.1111

Square

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



214.9610, -34.4908, 2.6652



193.9470, 26.6481, -100.8085



217.4780, 18.4983, -6.5582



210.3640, -8.5605, 39.1458

Rectangle

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



214.9610, -34.4908, 2.6652



204.5570, -5.2046, -57.4935



217.4780, 18.4983, -6.5582



217.6940, 14.4479, 32.7174

Sweetspot

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



214.9610, -34.4908, 2.6652



250.9110, -11.7881, 0.9551



174.2140, -14.4025, 46.2933



125.4640, -7.1308, 0.4701



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.



214.9610, -34.4908, 2.6652



238.8720, -46.2789, 3.6203



203.0010, -28.5945, -21.9259



113.0340, -4.9468, -0.0298



152.6140, -75.2387, 5.6005



43.3920, -21.3923, 1.4102

Inverse Universe

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



157.0390, 34.4908, -2.6652



161.1280, 46.2789, -3.6203



168.9990, 28.5945, 21.9259



104.9660, 4.9468, 0.0298



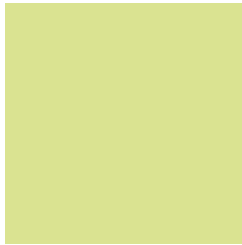
26.3860, 75.2387, -5.6005



7.6080, 21.3923, -1.4102

Previews

White Background



This preview shows how the YUV color 214.9610, -34.4908, 2.6652 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 214.9610, -34.4908, 2.6652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

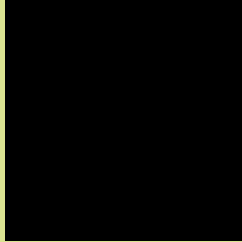
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.9610, -34.4908, 2.6652

Background



This preview shows how black text looks on a background with the YUV color 214.9610, -34.4908, 2.6652.



This preview shows how white text looks on a background with the YUV color 214.9610, -34.4908, 2.6652.

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

214.9610, -34.4908, 2.6652

Protanopia

217.0880, -37.0184, 20.0938

Deuteranopia

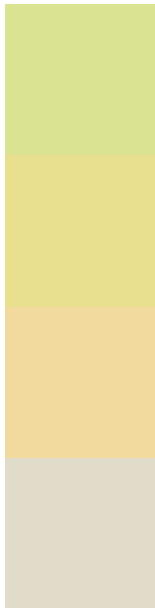
220.3140, -26.2838, 30.4196



Tritanopia

221.8250, 5.5093, 6.2925

Trichromacy



Original Color

214.9610, -34.4908, 2.6652

Protanomaly

216.5710, -36.2705, 13.5312

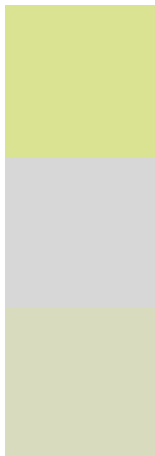
Deuteranomaly

218.4500, -29.3089, 20.6533

Tritanomaly

219.3290, -9.0362, 4.9735

Monochromacy



Original Color

214.9610, -34.4908, 2.6652

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.7970, -12.2249, 1.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.9610, -34.4908, 2.6652 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(218, 227, 145)` looks like.

```
.text, #text, p{  
    color:rgb(218, 227, 145)  
}
```

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(218, 227, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 227, 145) }
```

Border

The CSS property to change the border of an element to YUV 214.9610, -34.4908, 2.6652 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(218, 227, 145) }
```


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

```
.border{ border-color:rgb(218, 227, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 227, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 227, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 227, 145);  
box-shadow:4px 4px 4px 4px rgb(218, 227,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 214.9610, -34.4908, 2.6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 227, 145) }
```

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

```
.background{ background-color: rgb(218,  
227, 145) }
```

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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