

Converting Colors

YUV(214.6600, -48.1464,
-4.0868)

Have a look what the booklet for
YUV(214.6600, -48.1464, -4.0868)
contains.

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Color

**YUV(214.6600, -48.1464,
-4.0868)**

Conversions

Conversions Part 1

Format	Color
Hex	D2EC75
RGB	210, 236, 117
RGB Percent	82%, 93%, 46%
CMY	0.1765, 0.0745, 0.5412
CMYK	0.11, 0.00, 0.50, 0.07
HSL	73°, 76%, 69%
HSV	73°, 50%, 93%
XYZ	59.7847, 74.9769, 28.1506
YIQ	214.6600, 22.7030, -42.5210

Conversions

Conversions Part 2

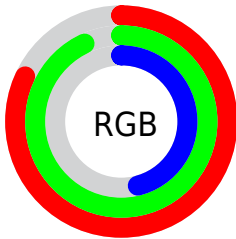
Format	Color
RYB	117, 236, 143
Decimal	13823093
CIELab	89.38, -25.83, 54.28
CIELCh	89, 60.115, 115.446
Yxy	74.9769, 0.3670, 0.4602
Android (android.graphics.Color)	4292013173 (0xFFD2EC75)
YUV	214.6600, -48.1464, -4.0868
Hunter-Lab	86.5892, -28.2875, 41.3369

Details

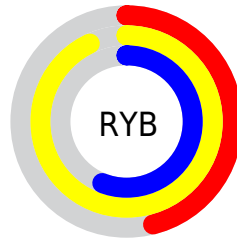
The YUV color $214.6600, -48.1464, -4.0868$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $138.3400, 48.1464, 4.0868$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.5380, -36.2542, 8.2982$, and $158.7030, -46.6886, -5.0015$ is the 20% darker color. If you saturate the color by 10%, you get $210.4290, -57.8925, -4.7612$, and if you desaturate by 10%, it is $218.8910, -38.4003, -3.4124$.

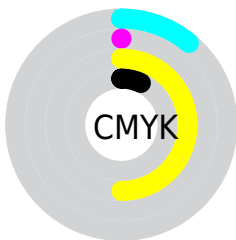
Distribution



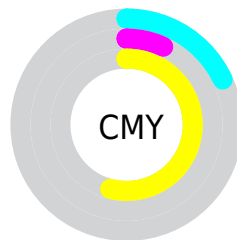
- Red (82%)
- Green (93%)
- Blue (46%)



- Red (46%)
- Yellow (93%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)



- Cyan (18%)
- Magenta (7%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.6600, -48.1464, -4.0868 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 214.6600, -48.1464, -4.0868 by changing the saturation by 10% instead.

■ 214.6600,
-48.1464, -4.0868

■ 214.6600,
-48.1464, -4.0868

255.0000, 0.0000,
0.0000

■ 186.4750,
-47.5622, -4.8016

■ 245.5380,
-36.2542, 8.2982

■ 158.7030,
-46.6886, -5.0015

■ 248.7300,
-24.0239, 5.4988

■ 131.5890,
-47.1254, -4.9016

■ 252.0360,
-11.3567, 2.5994

■ 104.1500,
-51.3459, -4.5165

■ 81.4020, -40.1312,
-8.2456

■ 59.8390, -29.5006,
-11.2598

■ 37.9660, -18.7172,

-16.6332

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 214.6600,
-48.1464, -4.0868

■ 214.6600,
-48.1464, -4.0868

■ 210.4290,
-57.8925, -4.7612

■ 218.8910,
-38.4003, -3.4124

■ 206.3120,
-67.2018, -5.5356

■ 223.0080,
-29.0909, -2.6380

■ 202.0810,
-76.9479, -6.2100

■ 227.2390,
-19.3448, -1.9636

■ 197.6650,
-86.1098, -7.5992

■ 231.6550,
-10.1829, -0.5744

193.5480,
-95.4192, -8.3736

235.8860, -0.4368,
0.1000

239.6610, 7.5621,
1.1743

241.1560, 6.8251,
4.2482

242.6510, 6.0881,
7.3221

243.8470, 5.4984,
9.7812

Harmonies

Analogous

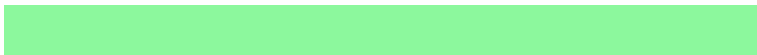
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.4090, -53.9386, 33.8443



214.6600, -48.1464, -4.0868



205.3340, -23.8287, -57.2979

Triad

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



214.6600, -48.1464, -4.0868



174.0590, 39.9039, -152.6497



207.0480, 14.2733, 42.0539

Complementary

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



214.6600, -48.1464, -4.0868



138.3400, 48.1464, 4.0868

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.



217.4320, 18.5210, 32.9471



214.6600, -48.1464, -4.0868



195.7410, 29.2147, -83.9649

Square

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



214.6600, -48.1464, -4.0868



177.5810, 38.1676, -155.7385



218.3860, 18.0507, -2.9695



202.1970, -11.9291, 46.3082

Rectangle

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



214.6600, -48.1464, -4.0868



191.5680, 1.1990, -104.8611



218.3860, 18.0507, -2.9695



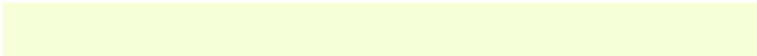
210.9750, 21.7043, 38.6099

Sweetspot

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



214.6600, -48.1464, -4.0868



248.2760, -15.4191, -1.1191



167.8430, -25.0656, 59.7737



123.5840, -9.1619, -1.3892



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.



214.6600, -48.1464, -4.0868



227.0500, -63.1287, -5.3059



197.0190, -39.4494, -40.3587



115.1480, -4.5100, -0.1298



148.4060, -73.1642, -6.4951



44.2560, -21.8182, -1.9785

Inverse Universe

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



138.3400, 48.1464, 4.0868



126.9500, 63.1287, 5.3059



155.9810, 39.4494, 40.3587



107.8520, 4.5100, 0.1298



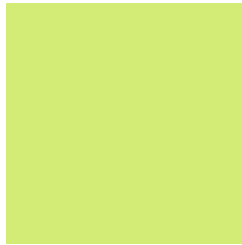
32.5940, 73.1642, 6.4951



9.7440, 21.8182, 1.9785

Previews

White Background



This preview shows how the YUV color 214.6600, -48.1464, -4.0868 looks on a white background.

Color Contrast Check

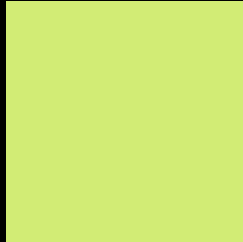
Large Text (above 18pt) WCAG AA × Fail

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 214.6600, -48.1464, -4.0868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

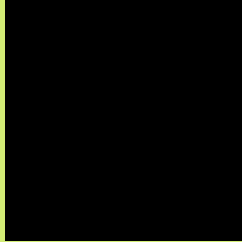
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.6600, -48.1464, -4.0868

Background



This preview shows how black text looks on a background with the YUV color 214.6600, -48.1464, -4.0868.



This preview shows how white text looks on a background with the YUV color 214.6600, -48.1464, -4.0868.

-4.0868.

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

214.6600, -48.1464, -4.0868

Protanopia

218.5220, -52.0223, 25.8522

Deuteranopia

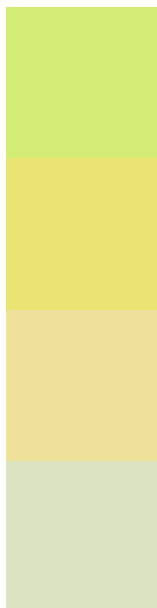
223.9330, -25.1100, 27.2458



Tritanopia

224.9490, 7.4201, 0.0447

Trichromacy



Original Color

214.6600, -48.1464, -4.0868

Protanomaly

216.7980, -50.6794, 15.0862

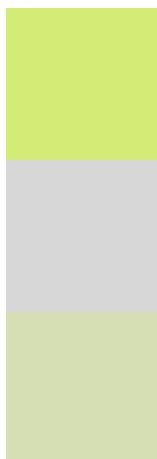
Deuteranomaly

220.9780, -33.5132, 15.8053

Tritanomaly

221.2590, -12.9457, -1.1041

Monochromacy



Original Color

214.6600, -48.1464, -4.0868

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.9940, -17.7450, -1.7487

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.6600, -48.1464, -4.0868 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(210, 236, 117)` looks like.

```
.text, #text, p{  
    color:rgb(210, 236, 117)  
}
```

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(210, 236, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 236, 117) }
```

Border

The CSS property to change the border of an element to YUV 214.6600, -48.1464, -4.0868 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(210, 236, 117) }
```


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

```
.border{ border-color:rgb(210, 236, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 236, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 236, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 236, 117);  
box-shadow:4px 4px 4px 4px rgb(210, 236,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 214.6600, -48.1464, -4.0868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 236, 117) }
```

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

```
.background{ background-color: rgb(210,  
236, 117) }
```

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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