

Converting Colors

YUV(214.9460, -21.6654,
-4.3376)

Have a look what the booklet for
YUV(214.9460, -21.6654, -4.3376)
contains.

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Color

**YUV(214.9460, -21.6654,
-4.3376)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E2AB
RGB	210, 226, 171
RGB Percent	82%, 89%, 67%
CMY	0.1765, 0.1137, 0.3294
CMYK	0.07, 0.00, 0.24, 0.11
HSL	77°, 49%, 78%
HSV	77°, 24%, 89%
XYZ	61.1254, 71.0346, 49.0175
YIQ	214.9460, 8.1190, -20.4970

Conversions

Conversions Part 2

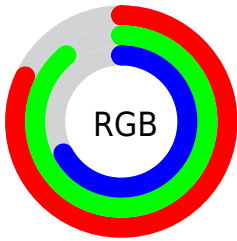
Format	Color
RYB	171, 226, 187
Decimal	13820587
CIELab	87.50, -14.55, 25.17
CIELCh	88, 29.069, 120.025
Yxy	71.0346, 0.3374, 0.3921
Android (android.graphics.Color)	4292010667 (0xFFD2E2AB)
YUV	214.9460, -21.6654, -4.3376
Hunter-Lab	84.2820, -18.0368, 24.5150

Details

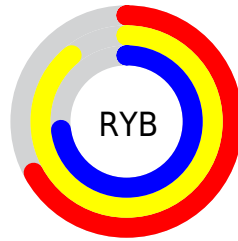
The YUV color **214.9460, -21.6654, -4.3376** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **182.0540, 21.6654, 4.3376**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.8080, -12.2303, 2.7994**, and **160.1740, -20.7918, -4.5376** is the 20% darker color. If you saturate the color by 10%, you get **210.2310, -30.6799, -6.3416**, and if you desaturate by 10%, it is **219.6610, -12.6509, -2.3337**.

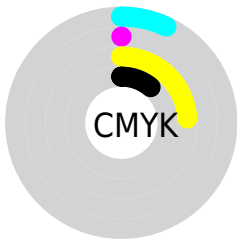
Distribution



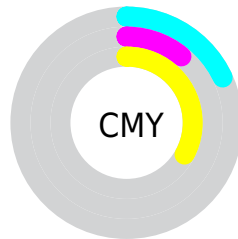
- Red (82%)
- Green (89%)
- Blue (67%)



- Red (67%)
- Yellow (89%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (24%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.9460, -21.6654, -4.3376 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 214.9460, -21.6654, -4.3376 by changing the saturation by 10% instead.

■ 214.9460,
-21.6654, -4.3376

■ 214.9460,
-21.6654, -4.3376

255.0000, 0.0000,
0.0000

■ 187.0600,
-21.2286, -4.4376

■ 251.8080,
-12.2303, 2.7994

■ 160.1740,
-20.7918, -4.5376

■ 133.7010,
-20.0656, -4.1228

■ 108.5160,
-19.4814, -4.8375

■ 84.0430, -18.7552,
-4.4227

■ 60.2710, -17.8816,
-4.6227

■ 38.0430, -18.7552,

-4.4227

■ 17.6320, -8.6926,
-11.9553

■ 0.0000, 0.0000,
0.0000

■ 214.9460,
-21.6654, -4.3376

■ 214.9460,
-21.6654, -4.3376

■ 210.2310,
-30.6799, -6.3416

■ 219.6610,
-12.6509, -2.3337

■ 205.9290,
-39.4050, -7.8307

■ 223.9630, -3.9258,
-0.8446

■ 201.2140,
-48.4195, -9.8347

■ 228.6780, 5.0887,
1.1594

■ 196.9120,
-57.1446, -11.3238

■ 232.2960, 11.1931,
3.2484

■ 192.1970,
-66.1591, -13.3278

■ 234.3890, 10.1612,
7.5518

■ 187.7810,
-75.3210, -14.7169

■ 236.1830, 9.2768,
11.2405

■ 183.1800,
-83.8987, -16.8209

■ 237.9770, 8.3923,
14.9292

■ 180.5020,
-88.9875, -17.9803

Harmonies

Analogous

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



217.8350, -26.5407, 19.4387



214.9460, -21.6654, -4.3376



211.1800, -9.9487, -29.0989

Triad

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



214.9460, -21.6654, -4.3376



209.5280, 22.4177, -50.4521



218.1380, 0.9180, 32.3280

Complementary

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



214.9460, -21.6654, -4.3376



182.0540, 21.6654, 4.3376

Split Complementary

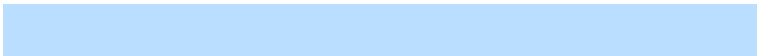
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.1510, 11.2646, 27.0546



214.9460, -21.6654, -4.3376



214.9980, 19.7210, -25.4312

Square

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



214.9460, -21.6654, -4.3376



206.9630, 19.2452, -59.6036



220.4900, 17.0134, 3.0783



216.2340, -11.4544, 33.9978

Rectangle

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



214.9460, -21.6654, -4.3376



208.7250, 0.1356, -43.6088



220.4900, 17.0134, 3.0783



219.8650, 4.9966, 30.8134

Sweetspot

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



214.9460, -21.6654, -4.3376



251.4530, -7.1253, -1.2743



196.8370, -12.7376, 25.5760



125.8490, -4.3626, -0.7446



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.



214.9460, -21.6654, -4.3376



239.9860, -29.0801, -6.1267



206.8730, -17.6854, -20.9366



109.8490, -4.3626, -0.7446



140.6870, -69.3587, -13.7575



38.3420, -18.9026, -3.8079

Inverse Universe

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



182.0540, 21.6654, 4.3376



196.0140, 29.0801, 6.1267



190.1270, 17.6854, 20.9366



103.1510, 4.3626, 0.7446



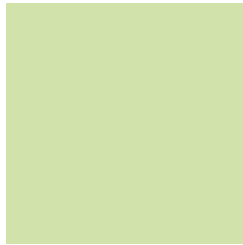
35.3130, 69.3587, 13.7575



9.6580, 18.9026, 3.8079

Previews

White Background



This preview shows how the YUV color 214.9460, -21.6654, -4.3376 looks on a white background.

Color Contrast Check

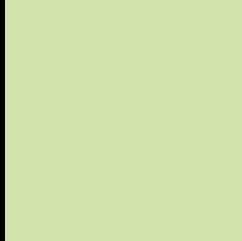
Large Text (above 18pt) WCAG AA × Fail

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 214.9460, -21.6654, -4.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

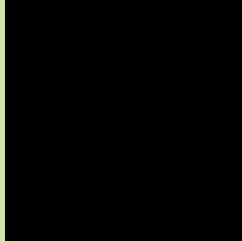
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

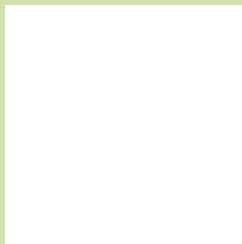
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.9460, -21.6654, -4.3376

Background



This preview shows how black text looks on a background with the YUV color 214.9460, -21.6654, -4.3376.



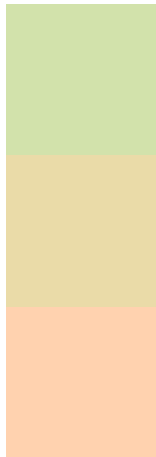
This preview shows how white text looks on a background with the YUV color 214.9460, -21.6654, -4.3376.

-4.3376.

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

214.9460, -21.6654, -4.3376

Protanopia

217.6710, -24.4878, 14.3205

Deuteranopia

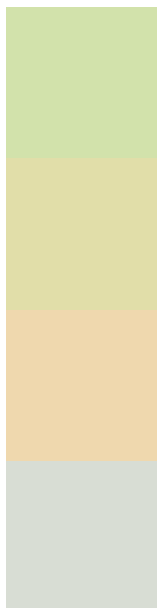
219.4650, -21.9212, 31.1642



Tritanopia

220.2370, 7.2782, -1.0848

Trichromacy



Original Color

214.9460, -21.6654, -4.3376

Protanomaly

216.8550, -23.5925, 7.1432

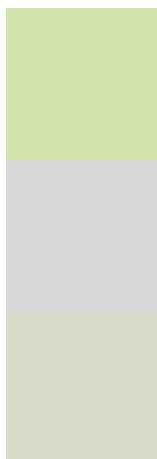
Deuteranomaly

218.0890, -21.7359, 18.3389

Tritanomaly

218.4790, -3.1941, -2.1741

Monochromacy



Original Color

214.9460, -21.6654, -4.3376

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.9260, -7.8515, -1.6891

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.9460, -21.6654, -4.3376 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, 226, 171)` looks like.

```
.text, #text, p{  
    color:rgb(210, 226, 171)  
}
```

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, 226, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 226, 171) }
```

Border

The CSS property to change the border of an element to YUV 214.9460, -21.6654, -4.3376 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, 226, 171) }
```


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

```
.border{ border-color:rgb(210, 226, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 226, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 226, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 226, 171);  
box-shadow:4px 4px 4px 4px rgb(210, 226,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 214.9460, -21.6654, -4.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 226, 171) }
```

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

```
.background{ background-color: rgb(210,  
226, 171) }
```

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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