

Converting Colors

YUV(213.9460, -21.6654,
-4.3376)

Have a look what the booklet for
YUV(213.9460, -21.6654, -4.3376)
contains.

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Color

**YUV(213.9460, -21.6654,
-4.3376)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E1AA
RGB	209, 225, 170
RGB Percent	82%, 88%, 67%
CMY	0.1804, 0.1176, 0.3333
CMYK	0.07, 0.00, 0.24, 0.12
HSL	77°, 48%, 77%
HSV	77°, 24%, 88%
XYZ	60.4754, 70.3080, 48.4136
YIQ	213.9460, 8.1190, -20.4970

Conversions

Conversions Part 2

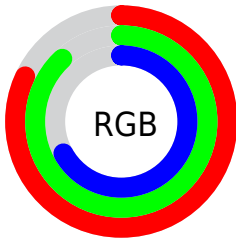
Format	Color
RYB	170, 225, 186
Decimal	13754794
CIELab	87.15, -14.55, 25.19
CIELCh	87, 29.092, 120.019
Yxy	70.3080, 0.3375, 0.3924
Android (android.graphics.Color)	4291944874 (0xFFD1E1AA)
YUV	213.9460, -21.6654, -4.3376
Hunter-Lab	83.8499, -17.9970, 24.4618

Details

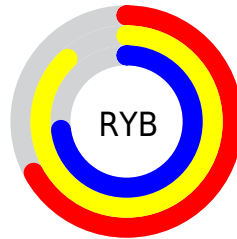
The YUV color $213.9460, -21.6654, -4.3376$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $181.0540, 21.6654, 4.3376$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, -12.6671, 2.8994$, and $159.1740, -20.7918, -4.5376$ is the 20% darker color. If you saturate the color by 10%, you get $209.2310, -30.6799, -6.3416$, and if you desaturate by 10%, it is $218.6610, -12.6509, -2.3337$.

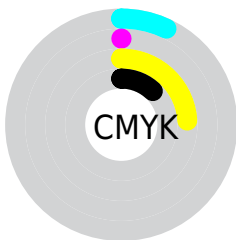
Distribution



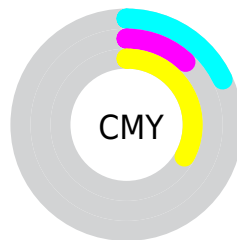
- Red (82%)
- Green (88%)
- Blue (67%)



- Red (67%)
- Yellow (88%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.9460, -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 213.9460, -21.6654, -4.3376 by changing the saturation by 10% instead.

■ 213.9460,
-21.6654, -4.3376

■ 213.9460,
-21.6654, -4.3376

255.0000, 0.0000,
0.0000

■ 186.0600,
-21.2286, -4.4376

■ 251.6940,
-12.6671, 2.8994

■ 159.1740,
-20.7918, -4.5376

254.8860, -0.4368,
0.1000

■ 132.8150,
-19.6288, -4.2228

■ 107.5160,
-19.4814, -4.8375

■ 83.0430, -18.7552,
-4.4227

■ 59.2710, -17.8816,
-4.6227

■ 37.1570, -18.3184,

-4.5227

■ 16.4470, -8.1084,
-12.6700

■ 0.0000, 0.0000,
0.0000

■ 213.9460,
-21.6654, -4.3376

■ 213.9460,
-21.6654, -4.3376

■ 209.2310,
-30.6799, -6.3416

■ 218.6610,
-12.6509, -2.3337

■ 204.9290,
-39.4050, -7.8307

■ 222.9630, -3.9258,
-0.8446

■ 200.3280,
-47.9827, -9.9347

■ 227.6780, 5.0887,
1.1594

■ 195.9120,
-57.1446, -11.3238

■ 231.4100, 11.6299,
3.1484

■ 191.1970,
-66.1591, -13.3278

■ 233.5030, 10.5980,
7.4519

■ 186.8950,
-74.8842, -14.8169

■ 235.2970, 9.7136,
11.1405

■ 182.2940,
-83.4619, -16.9208

■ 237.3900, 8.6817,
15.4440

■ 179.9150,
-88.6981, -17.4655

Harmonies

Analogous

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



216.8350, -26.5407, 19.4387



213.9460, -21.6654, -4.3376



210.1800, -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.



213.9460, -21.6654, -4.3376



208.6420, 22.8545, -50.5520



217.4370, 0.7706, 32.9428

Complementary

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



213.9460, -21.6654, -4.3376



181.0540, 21.6654, 4.3376

Split Complementary

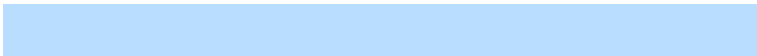
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.1510, 11.2646, 27.0546



213.9460, -21.6654, -4.3376



214.1120, 20.1578, -25.5312

Square

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



213.9460, -21.6654, -4.3376



205.9630, 19.2452, -59.6036



219.6040, 17.4502, 2.9783



215.5330, -11.6018, 34.6126

Rectangle

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



213.9460, -21.6654, -4.3376



207.7250, 0.1356, -43.6088



219.6040, 17.4502, 2.9783



219.1640, 4.8491, 31.4282

Sweetspot

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



213.9460, -21.6654, -4.3376



251.4530, -7.1253, -1.2743



195.8370, -12.7376, 25.5760



125.8490, -4.3626, -0.7446



0.0000, 0.0000, 0.0000



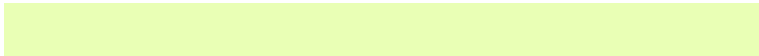
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.9460, -21.6654, -4.3376



239.9860, -29.0801, -6.1267



205.8730, -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.



181.0540, 21.6654, 4.3376



196.0140, 29.0801, 6.1267



189.1270, 17.6854, 20.9366



103.1510, 4.3626, 0.7446



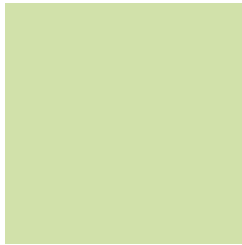
35.3130, 69.3587, 13.7575



9.6580, 18.9026, 3.8079

Previews

White Background



This preview shows how the YUV color 213.9460, -21.6654, -4.3376 looks on a white background.

Color Contrast Check

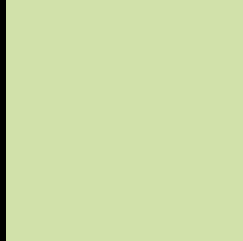
Large Text (above 18pt) WCAG AA × Fail

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 213.9460, -21.6654, -4.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

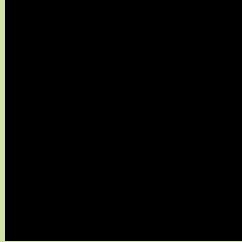
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

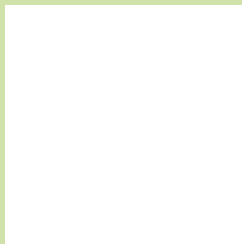
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.9460, -21.6654, -4.3376

Background



This preview shows how black text looks on a background with the YUV color 213.9460, -21.6654, -4.3376.



This preview shows how white text looks on a background with the YUV color 213.9460, -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

213.9460, -21.6654, -4.3376

Protanopia

216.6710, -24.4878, 14.3205

Deuteranopia

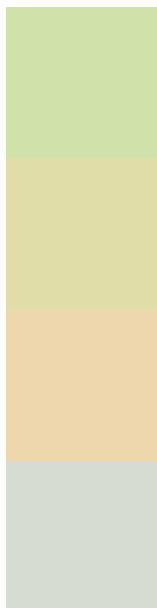
218.3510, -22.3580, 31.2642



Tritanopia

219.2370, 7.2782, -1.0848

Trichromacy



Original Color

213.9460, -21.6654, -4.3376

Protanomaly

215.8550, -23.5925, 7.1432

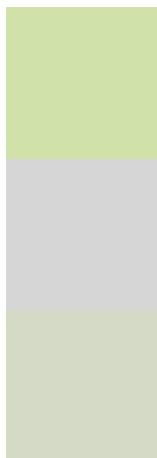
Deuteranomaly

216.9750, -22.1727, 18.4389

Tritanomaly

217.4790, -3.1941, -2.1741

Monochromacy



Original Color

213.9460, -21.6654, -4.3376

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.9260, -7.8515, -1.6891

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.9460, -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(209, 225, 170)` looks like.

```
.text, #text, p{  
    color:rgb(209, 225, 170)  
}
```

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(209, 225, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 225, 170) }
```

Border

The CSS property to change the border of an element to YUV 213.9460, -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(209, 225, 170) }
```


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

```
.border{ border-color:rgb(209, 225, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 225, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 225, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 225, 170);  
box-shadow:4px 4px 4px 4px rgb(209, 225,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 213.9460, -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(209, 225, 170) }
```

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

```
.background{ background-color: rgb(209,  
225, 170) }
```

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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