

Converting Colors

YUV(215.2440, -20.3333,
-11.6150)

Have a look what the booklet for
YUV(215.2440, -20.3333, -11.6150)
contains.

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Color

**YUV(215.2440, -20.3333,
-11.6150)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE6AE
RGB	202, 230, 174
RGB Percent	79%, 90%, 68%
CMY	0.2078, 0.0980, 0.3176
CMYK	0.12, 0.00, 0.24, 0.10
HSL	90°, 53%, 79%
HSV	90°, 24%, 90%
XYZ	60.2939, 72.2062, 50.8038
YIQ	215.2440, 1.2880, -23.3520

Conversions

Conversions Part 2

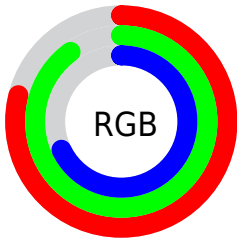
Format	Color
RYB	174, 230, 202
Decimal	13297326
CIELab	88.07, -18.95, 24.30
CIELCh	88, 30.819, 127.944
Yxy	72.2062, 0.3289, 0.3939
Android (android.graphics.Color)	4291487406 (0xFFCAE6AE)
YUV	215.2440, -20.3333, -11.6150
Hunter-Lab	84.9742, -22.0492, 24.0341

Details

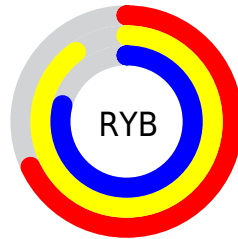
The YUV color **215.2440, -20.3333, -11.6150** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **188.7560, 20.3333, 11.6150**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.1500, -10.9200, 2.4994**, and **159.8850, -19.1703, -11.3001** is the 20% darker color. If you saturate the color by 10%, you get **209.0340, -28.6108, -16.6928**, and if you desaturate by 10%, it is **221.4540, -12.0558, -6.5372**.

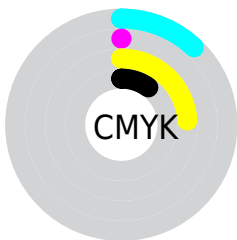
Distribution



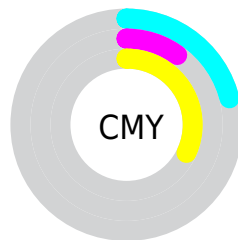
- Red (79%)
- Green (90%)
- Blue (68%)



- Red (68%)
- Yellow (90%)
- Blue (79%)



- Cyan (12%)
- Magenta (0%)
- Yellow (24%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.2440, -20.3333, -11.6150 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 215.2440, -20.3333, -11.6150 by changing the saturation by 10% instead.

■ 215.2440,
-20.3333, -11.6150

■ 215.2440,
-20.3333, -11.6150

255.0000, 0.0000,
0.0000

■ 187.3580,
-19.8965, -11.7150

■ 252.1500,
-10.9200, 2.4994

■ 159.8850,
-19.1703, -11.3001

■ 133.9990,
-18.7335, -11.4001

■ 108.5260,
-18.0073, -10.9853

■ 84.0530, -17.2811,
-10.5705

■ 60.2810, -16.4075,
-10.7704

■ 37.4660, -16.9917,

-10.0557

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 215.2440,
-20.3333, -11.6150

■ 215.2440,
-20.3333, -11.6150

■ 209.0340,
-28.6108, -16.6928

■ 221.4540,
-12.0558, -6.5372

■ 203.1230,
-37.0356, -21.1559

■ 227.3650, -3.6309,
-2.0741

■ 196.9130,
-45.3131, -26.2337

■ 233.2760, 4.7939,
2.3889

■ 191.0020,
-53.7380, -30.6968

■ 238.2320, 8.2666,
8.5665

■ 184.7920,
-62.0155, -35.7746

■ 240.3250, 7.2348,
12.8700

■ 178.8810,
-70.4403, -40.2376

■ 172.6710,
-78.7178, -45.3155

■ 169.3950,
-83.5117, -47.7044

Harmonies

Analogous

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



219.1610, -27.6874, 13.8908



215.2440, -20.3333, -11.6150



211.6350, -6.7221, -37.3909

Triad

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



215.2440, -20.3333, -11.6150



211.0230, 21.6807, -47.3782



218.0410, -1.9922, 32.4130

Complementary

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



215.2440, -20.3333, -11.6150



188.7560, 20.3333, 11.6150

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.



222.6350, 10.5329, 28.3841



215.2440, -20.3333, -11.6150



217.4010, 18.5363, -18.7687

Square

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



215.2440, -20.3333, -11.6150



207.9670, 23.1873, -63.9921



223.1920, 15.6813, 10.3556



216.6100, -15.0907, 33.6680

Rectangle

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



215.2440, -20.3333, -11.6150



208.5220, 4.6727, -52.2008



223.1920, 15.6813, 10.3556



219.1810, 2.3758, 31.4133

Sweetspot

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



215.2440, -20.3333, -11.6150



250.2570, -6.5357, -3.7334



207.1800, -16.3577, 20.0131



124.9520, -3.9203, -2.5889



0.0000, 0.0000, 0.0000



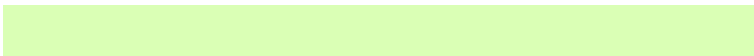
128.0000, 0.0000, 0.0000

Same Dimension

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



215.2440, -20.3333, -11.6150



235.5010, -26.8690, -15.3484



206.8720, -16.2059, -28.8287



111.8380, -4.3571, -2.4889



131.6840, -64.9202, -37.4339



37.4120, -18.4441, -10.8853

Inverse Universe

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



188.7560, 20.3333, 11.6150



200.4990, 26.8690, 15.3484



197.1280, 16.2059, 28.8287



106.1620, 4.3571, 2.4889



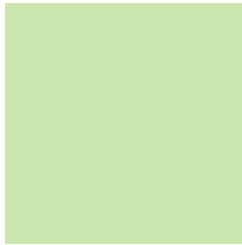
47.0170, 65.0676, 36.8191



13.5880, 18.4441, 10.8853

Previews

White Background



This preview shows how the YUV color 215.2440, -20.3333, -11.6150 looks on a white background.

Color Contrast Check

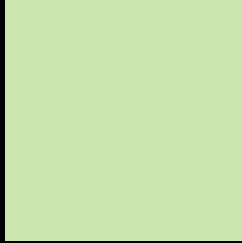
Large Text (above 18pt) WCAG AA × Fail

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 215.2440, -20.3333, -11.6150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

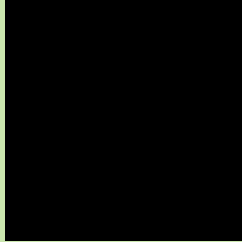
Any Text WCAG AA ✓ Pass

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 215.2440, -20.3333, -11.6150 Background



This preview shows how black text looks on a background with the YUV color 215.2440, -20.3333, -11.6150.



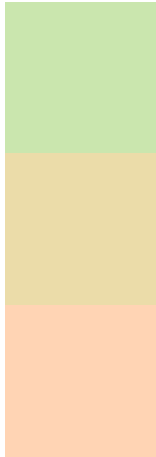
This preview shows how white text looks on a background with the YUV color 215.2440, -20.3333, -11.6150.

-11.6150.

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

215.2440, -20.3333, -11.6150

Protanopia

218.6710, -24.4878, 14.3205

Deuteranopia

221.2090, -20.3160, 29.6347



Tritanopia

220.3610, 9.1890, -7.3326

Trichromacy



Original Color

215.2440, -20.3333, -11.6150

Protanomaly

217.6590, -23.0029, 4.6841

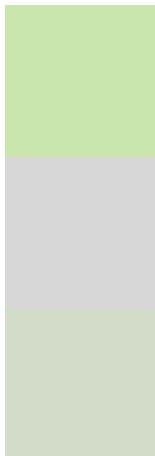
Deuteranomaly

219.4090, -20.4146, 14.5503

Tritanomaly

218.1900, -1.5727, -8.9366

Monochromacy



Original Color

215.2440, -20.3333, -11.6150

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.7300, -7.2619, -4.1482

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.2440, -20.3333, -11.6150 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(202, 230, 174)` looks like.

```
.text, #text, p{  
    color:rgb(202, 230, 174)  
}
```

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(202, 230, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 230, 174) }
```

Border

The CSS property to change the border of an element to YUV 215.2440, -20.3333, -11.6150 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(202, 230, 174) }
```


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

```
.border{ border-color:rgb(202, 230, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 230, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 230, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 230, 174);  
box-shadow:4px 4px 4px 4px rgb(202, 230,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 215.2440, -20.3333, -11.6150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 230, 174) }
```

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

```
.background{ background-color: rgb(202,  
230, 174) }
```

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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