

# Converting Colors

YUV(215.6020, -16.5658,  
-6.6670)

Have a look what the booklet for  
YUV(215.6020, -16.5658, -6.6670)  
contains.

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# Color

**YUV(215.6020, -16.5658,  
-6.6670)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0E2B6
RGB	208, 226, 182
RGB Percent	82%, 89%, 71%
CMY	0.1843, 0.1137, 0.2863
CMYK	0.08, 0.00, 0.19, 0.11
HSL	85°, 43%, 80%
HSV	85°, 19%, 89%
XYZ	61.6523, 71.1800, 54.7457
YIQ	215.6020, 3.3960, -17.5000

# Conversions

## Conversions Part 2

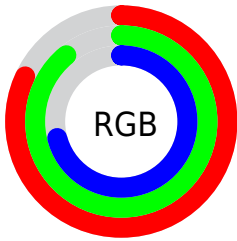
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 226, 200
Decimal	13689526
CIELab	87.57, -13.61, 19.54
CIELCh	88, 23.813, 124.867
Yxy	71.1800, 0.3287, 0.3795
Android (android.graphics.Color)	4291879606 (0xFFD0E2B6)
YUV	215.6020, -16.5658, -6.6670
Hunter-Lab	84.3682, -17.2052, 20.5851

# Details

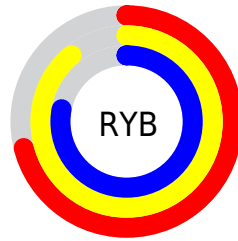
The YUV color **215.6020, -16.5658, -6.6670** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **192.3980, 16.5658, 6.6670**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.0620, -7.4256, 1.6996**, and **160.8300, -15.6922, -6.8669** is the 20% darker color. If you saturate the color by 10%, you get **210.2890, -25.2855, -9.9005**, and if you desaturate by 10%, it is **220.9150, -7.8461, -3.4335**.

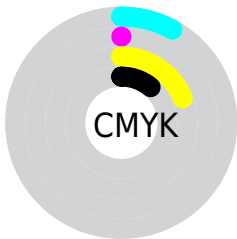
# Distribution



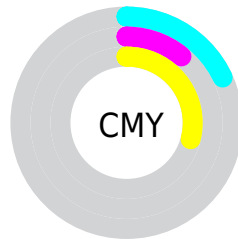
- Red (82%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 215.6020, -16.5658, -6.6670 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 215.6020, -16.5658, -6.6670 by changing the saturation by 10% instead.



■ 215.6020,  
-16.5658, -6.6670

■ 215.6020,  
-16.5658, -6.6670

255.0000, 0.0000,  
0.0000

■ 187.7160,  
-16.1290, -6.7669

■ 253.0620, -7.4256,  
1.6996

■ 160.8300,  
-15.6922, -6.8669

■ 134.3570,  
-14.9660, -6.4521

■ 108.7700,  
-14.6766, -5.9373

■ 84.8840, -14.2398,  
-6.0373

■ 61.1120, -13.3662,  
-6.2372

■ 39.2260, -12.9294,

-6.3372

■ 17.9420, -8.8454,  
-9.5961

■ 0.0000, 0.0000,  
0.0000

■ 215.6020,  
-16.5658, -6.6670

■ 215.6020,  
-16.5658, -6.6670

■ 210.2890,  
-25.2855, -9.9005

■ 220.9150, -7.8461,  
-3.4335

■ 205.0900,  
-33.5684, -13.2339

■ 226.1140, 0.4368,  
-0.1000

■ 199.4780,  
-42.1407, -17.0822

■ 231.7260, 9.0091,  
3.7483

■ 194.2790,  
-50.4235, -20.4157

■ 234.9870, 9.8664,  
8.7814

■ 188.9660,  
-59.1432, -23.6492

■ 237.6780, 8.5397,  
14.3144

■ 183.6530,  
-67.8629, -26.8827

■ 237.9770, 8.3923,  
14.9292

■ 178.1550,  
-75.9984, -30.8309

■ 172.8420,  
-84.7181, -34.0644

■ 172.7280,  
-85.1549, -33.9645

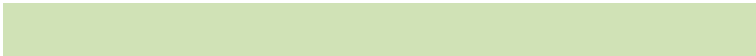
# Harmonies

## Analogous

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



218.1700, -21.2828, 13.0059



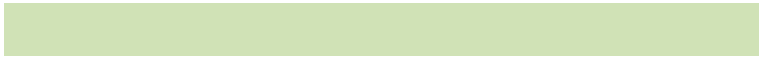
215.6020, -16.5658, -6.6670



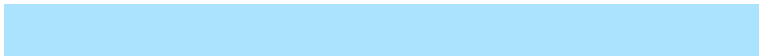
213.1140, -6.4652, -26.4100

# Triad

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



215.6020, -16.5658, -6.6670



213.4480, 20.4851, -37.2269



220.7310, -1.8394, 30.0539

# Complementary

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



215.6020, -16.5658, -6.6670



192.3980, 16.5658, 6.6670

# 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.



223.5160, 7.6336, 24.9805



215.6020, -16.5658, -6.6670



217.4120, 18.5309, -17.0243

# Square

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



215.6020, -16.5658, -6.6670



210.7690, 16.8759, -46.2784



221.6860, 16.4238, 5.5374

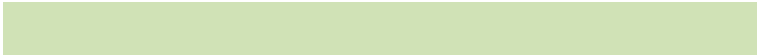


219.3970, -12.0277, 31.2238



# Rectangle

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



215.6020, -16.5658, -6.6670



211.2250, 1.8611, -37.0313



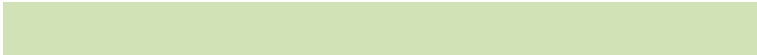
221.6860, 16.4238, 5.5374



221.5290, 1.2182, 29.3541

# Sweetspot

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



215.6020, -16.5658, -6.6670



251.4960, -5.6675, -2.1890



205.7220, -11.6949, 17.7838



125.7780, -3.3416, -1.5593



0.0000, 0.0000, 0.0000

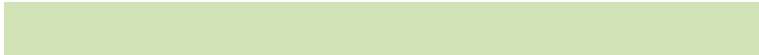


128.0000, 0.0000, 0.0000

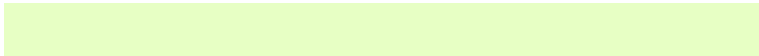


# Same Dimension

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



215.6020, -16.5658, -6.6670



241.0980, -22.2333, -8.8559



209.0240, -13.3228, -20.1920



109.5500, -4.2151, -1.3593



134.4080, -66.2631, -26.6678



36.8470, -18.1656, -6.8818



# Inverse Universe

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



192.3980, 16.5658, 6.6670



209.9020, 22.2333, 8.8559



198.9760, 13.3228, 20.1920



103.7490, 4.0677, 1.9741



41.5920, 66.2631, 26.6678

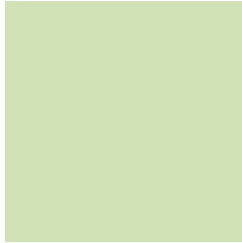


11.4520, 18.0182, 7.4966



# Previews

## White Background



This preview shows how the YUV color 215.6020, -16.5658, -6.6670 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

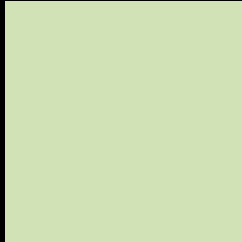
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 215.6020, -16.5658, -6.6670 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

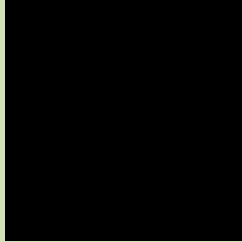
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

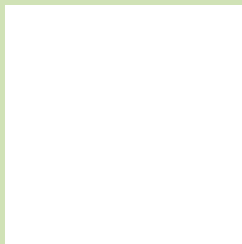
Any Text WCAG AAA ✓ Pass

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

# YUV 215.6020, -16.5658, -6.6670 Background



This preview shows how black text looks on a background with the YUV color 215.6020, -16.5658, -6.6670.



This preview shows how white text looks on a background with the YUV color 215.6020, -16.5658, -6.6670.

-6.6670.

# 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



<b>Original Color</b>
<b>Protanopia</b>
<b>Deuteranopia</b>

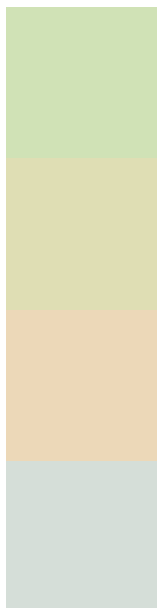
215.6020, -16.5658, -6.6670
218.3270, -19.3882, 11.9912
220.2950, -17.4004, 27.8053



## Tritanopia

220.0410, 7.8678, -3.5440

# Trichromacy



## Original Color

215.6020, -16.5658, -6.6670

## Protanomaly

217.5110, -18.4929, 4.8139

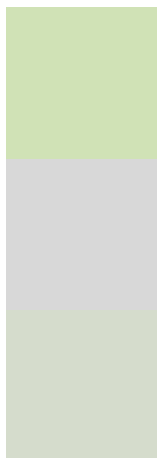
## Deuteranomaly

218.3320, -16.9257, 15.4948

## Tritanomaly

218.6250, -1.2941, -4.9331

# Monochromacy



## Original Color

215.6020, -16.5658, -6.6670

## Achromatopsia

216.0000, 0.0000, 0.0000

## Achromatomaly

216.0830, -5.9569, -2.7038

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 215.6020, -16.5658, -6.6670 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(208, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(208, 226, 182)  
}
```

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(208, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 226, 182) }
```

## Border

The CSS property to change the border of an element to YUV 215.6020, -16.5658, -6.6670 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(208, 226, 182) }
```



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

```
.border{ border-color:rgb(208, 226, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 226, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 226, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 226, 182); box-shadow:4px 4px 4px 4px rgb(208, 226, 182) }
```

# Background

The CSS property to change the background color of an element to YUV 215.6020, -16.5658, -6.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 226, 182) }
```

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

```
.background{ background-color: rgb(208,  
226, 182) }
```

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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