

Converting Colors

YUV(216.7210, -13.6665,
-3.2633)

Have a look what the booklet for
YUV(216.7210, -13.6665, -3.2633)
contains.

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Color

**YUV(216.7210, -13.6665,
-3.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E0BD
RGB	213, 224, 189
RGB Percent	84%, 88%, 74%
CMY	0.1647, 0.1216, 0.2588
CMYK	0.05, 0.00, 0.16, 0.12
HSL	79°, 36%, 81%
HSV	79°, 16%, 88%
XYZ	63.2815, 71.1316, 58.5386
YIQ	216.7210, 4.6790, -13.2170

Conversions

Conversions Part 2

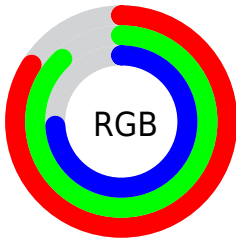
Format	Color
RYB	189, 224, 200
Decimal	14016701
CIELab	87.55, -9.73, 15.91
CIELCh	88, 18.647, 121.460
Yxy	71.1316, 0.3280, 0.3686
Android (android.graphics.Color)	4292206781 (0xFFD5E0BD)
YUV	216.7210, -13.6665, -3.2633
Hunter-Lab	84.3395, -13.6623, 17.8855

Details

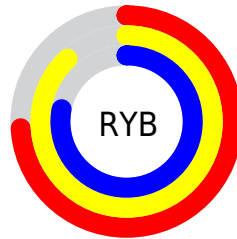
The YUV color **216.7210, -13.6665, -3.2633** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **196.2790, 13.6665, 3.2633**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.8600, -4.3680, 0.9998**, and **161.9490, -12.7929, -3.4633** is the 20% darker color. If you saturate the color by 10%, you get **212.1200, -22.2442, -5.3672**, and if you desaturate by 10%, it is **221.3220, -5.0887, -1.1594**.

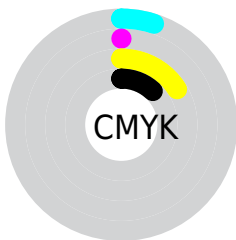
Distribution



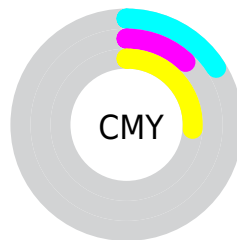
- Red (84%)
- Green (88%)
- Blue (74%)



- Red (74%)
- Yellow (88%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.7210, -13.6665, -3.2633 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 216.7210, -13.6665, -3.2633 by changing the saturation by 10% instead.

■ 216.7210,
-13.6665, -3.2633

■ 216.7210,
-13.6665, -3.2633

255.0000, 0.0000,
0.0000

■ 188.8350,
-13.2297, -3.3633

■ 253.8600, -4.3680,
0.9998

■ 161.9490,
-12.7929, -3.4633

■ 135.3620,
-12.5035, -2.9485

■ 110.4760,
-12.0667, -3.0485

■ 85.5900, -11.6299,
-3.1484

■ 62.7040, -11.1931,
-3.2484

■ 40.2310, -10.4669,

-2.8336

■ 20.0460, -9.8827,
-3.5483

■ 0.0000, 0.0000,
0.0000

■ 216.7210,
-13.6665, -3.2633

■ 216.7210,
-13.6665, -3.2633

■ 212.1200,
-22.2442, -5.3672

■ 221.3220, -5.0887,
-1.1594

■ 207.4050,
-31.2587, -7.3712

■ 226.0370, 3.9258,
0.8446

■ 202.8040,
-39.8364, -9.4751

■ 230.5240, 12.0667,
3.0485

■ 198.0890,
-48.8509, -11.4791

■ 232.6170, 11.0348,
7.3519

■ 193.4880,
-57.4286, -13.5830

■ 234.7100, 10.0030,
11.6553

■ 188.8870,
-66.0063, -15.6869

■ 236.8030, 8.9711,
15.9588

■ 184.1720,
-75.0208, -17.6908

■ 179.5710,
-83.5985, -19.7948

■ 177.5340,
-87.5243, -20.6393

Harmonies

Analogous

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



218.6090, -17.0622, 12.6209



216.7210, -13.6665, -3.2633



214.5710, -6.1975, -18.9178

Triad

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



216.7210, -13.6665, -3.2633



215.5800, 16.9691, -29.4497



222.7200, -1.8340, 28.3096

Complementary

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



216.7210, -13.6665, -3.2633



196.2790, 13.6665, 3.2633

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.



223.2440, 6.7817, 18.2030



216.7210, -13.6665, -3.2633



218.7820, 17.3625, -15.5948

Square

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



216.7210, -13.6665, -3.2633



213.1680, 11.7492, -35.2273



221.6810, 13.9613, 2.0338



221.3690, -9.5489, 29.4944

Rectangle

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



216.7210, -13.6665, -3.2633



213.8240, 0.0868, -27.9096



221.6810, 13.9613, 2.0338



223.0940, 0.9397, 25.3506

Sweetspot

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



216.7210, -13.6665, -3.2633



252.3220, -5.0887, -1.1594



205.9220, -8.3425, 15.8544



126.1910, -3.0522, -1.0445



0.0000, 0.0000, 0.0000



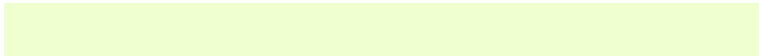
128.0000, 0.0000, 0.0000

Same Dimension

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



216.7210, -13.6665, -3.2633



245.0430, -18.7552, -4.4227



211.6380, -11.1605, -13.7145



109.8490, -4.3626, -0.7446



139.4910, -68.7691, -16.2166



38.0430, -18.7552, -4.4227

Inverse Universe

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



196.2790, 13.6665, 3.2633



216.9570, 18.7552, 4.4227



201.3620, 11.1605, 13.7145



103.4500, 4.2151, 1.3593



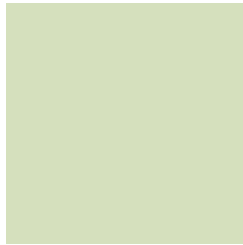
36.5090, 68.7691, 16.2166



9.9570, 18.7552, 4.4227

Previews

White Background



This preview shows how the YUV color 216.7210, -13.6665, -3.2633 looks on a white background.

Color Contrast Check

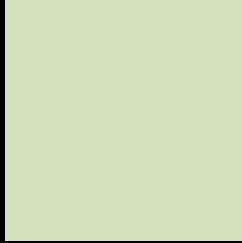
Large Text (above 18pt) WCAG AA × Fail

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 216.7210, -13.6665, -3.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

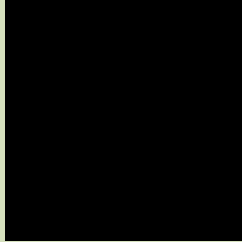
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

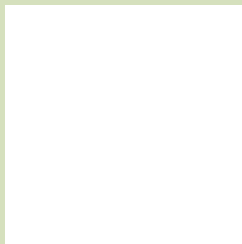
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.7210, -13.6665, -3.2633

Background



This preview shows how black text looks on a background with the YUV color 216.7210, -13.6665, -3.2633.



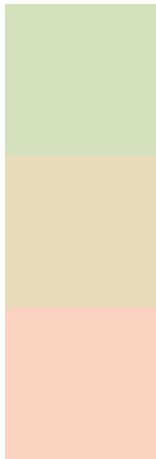
This preview shows how white text looks on a background with the YUV color 216.7210, -13.6665, -3.2633.

-3.2633.

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

216.7210, -13.6665, -3.2633

Protanopia

218.8260, -16.1832, 10.6766

Deuteranopia

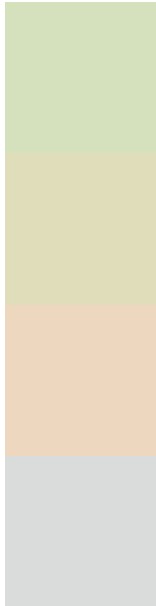
220.4950, -14.0480, 25.8759



Tritanopia

220.5360, 7.1308, -0.4701

Trichromacy



Original Color

216.7210, -13.6665, -3.2633

Protanomaly

218.0210, -15.2934, 5.2436

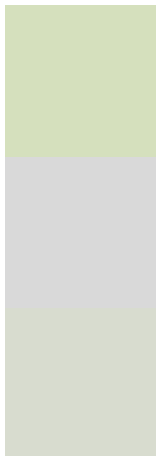
Deuteranomaly

219.4290, -14.0155, 15.4098

Tritanomaly

218.8750, -0.4314, -1.6444

Monochromacy



Original Color

216.7210, -13.6665, -3.2633

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.3220, -5.0887, -1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.7210, -13.6665, -3.2633 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(213, 224, 189)` looks like.

```
.text, #text, p{  
    color:rgb(213, 224, 189)  
}
```

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(213, 224, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 224, 189) }
```

Border

The CSS property to change the border of an element to YUV 216.7210, -13.6665, -3.2633 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(213, 224, 189) }
```


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

```
.border{ border-color:rgb(213, 224, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 224, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 224, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 224, 189);  
box-shadow:4px 4px 4px 4px rgb(213, 224,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 216.7210, -13.6665, -3.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 224, 189) }
```

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

```
.background{ background-color: rgb(213,  
224, 189) }
```

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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