

Converting Colors

YUV(216.5060, -7.6445,
-21.4918)

Have a look what the booklet for
YUV(216.5060, -7.6445, -21.4918)
contains.

YUV(216.5060, -7.6445, -21.4918)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(216.5060, -7.6445,
-21.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E8C9
RGB	192, 232, 201
RGB Percent	75%, 91%, 79%
CMY	0.2471, 0.0902, 0.2118
CMYK	0.17, 0.00, 0.13, 0.09
HSL	134°, 47%, 83%
HSV	134°, 17%, 91%
XYZ	61.1375, 73.1367, 66.1529
YIQ	216.5060, -13.8890, -18.1210

Conversions

Conversions Part 2

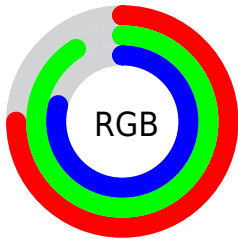
Format	Color
RYB	192, 225, 232
Decimal	12642505
CIELab	88.51, -18.88, 10.80
CIElCh	89, 21.748, 150.217
Yxy	73.1367, 0.3050, 0.3649
Android (android.graphics.Color)	4290832585 (0xFFC0E8C9)
YUV	216.5060, -7.6445, -21.4918
Hunter-Lab	85.5200, -22.0521, 14.0010

Details

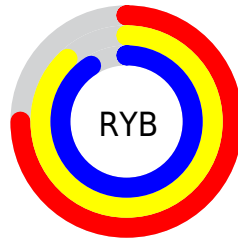
The YUV color **216.5060, -7.6445, -21.4918** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **207.4940, 7.6445, 21.4918**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.2060, 0.8844, -3.6887**, and **161.3320, -7.0657, -20.4622** is the 20% darker color. If you saturate the color by 10%, you get **207.5770, -12.1165, -33.8320**, and if you desaturate by 10%, it is **225.4350, -3.1725, -9.1515**.

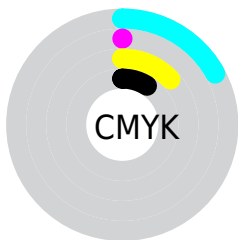
Distribution



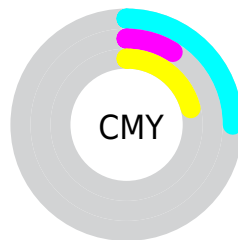
- Red (75%)
- Green (91%)
- Blue (79%)



- Red (75%)
- Yellow (88%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (25%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.5060, -7.6445, -21.4918 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 216.5060, -7.6445, -21.4918 by changing the saturation by 10% instead.

■ 216.5060, -7.6445,
-21.4918

■ 216.5060, -7.6445,
-21.4918

255.0000, 0.0000,
0.0000

■ 188.9190, -7.3551,
-20.9770

■ 253.2060, 0.8844,
-3.6887

■ 161.3320, -7.0657,
-20.4622

■ 135.3320, -7.0657,
-20.4622

■ 109.7450, -6.7763,
-19.9474

■ 85.2720, -6.0501,
-19.5325

■ 61.6850, -5.7607,
-19.0177

■ 38.9130, -4.8871,

-19.2177

■ 18.6530, -7.2239,
-16.3587

■ 0.0000, 0.0000,
0.0000

■ 216.5060, -7.6445,
-21.4918

■ 216.5060, -7.6445,
-21.4918

■ 207.5770,
-12.1165, -33.8320

■ 225.4350, -3.1725,
-9.1515

■ 198.6480,
-16.5885, -46.1723

■ 234.3640, 1.2995,
3.1888

■ 189.4200,
-20.9131, -59.1273

■ 241.4990, 6.6560,
11.8404

■ 180.4910,
-25.3851, -71.4676

■ 171.5620,
-29.8571, -83.8079

■ 162.6330,
-34.3291, -96.1481

■ 153.7040,
-38.8011, -108.4884

■ 144.4760,
-43.1257, -121.4435

■ 142.1120,
-44.4252, -124.6322

Harmonies

Analogous

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



218.7380, -16.1398, -3.2782



216.5060, -7.6445, -21.4918



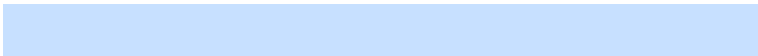
214.3930, 3.7503, -36.3017

Triad

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



216.5060, -7.6445, -21.4918



220.0590, 17.2259, -18.4687



221.9560, -9.8383, 28.9796

Complementary

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



216.5060, -7.6445, -21.4918



207.4940, 7.6445, 21.4918

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.



223.7630, -0.3762, 27.3948



216.5060, -7.6445, -21.4918



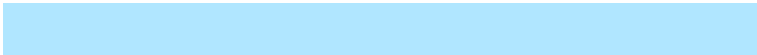
224.0230, 15.2717, 1.7338

Square

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



216.5060, -7.6445, -21.4918



216.7040, 18.8799, -35.6974



226.0100, 8.3761, 20.1622



223.1810, -17.8372, 27.9053

Rectangle

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



216.5060, -7.6445, -21.4918



214.1950, 10.7499, -41.3900



226.0100, 8.3761, 20.1622



222.1670, -6.4913, 28.7945

Sweetspot

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



216.5060, -7.6445, -21.4918



249.9730, -2.4517, -6.9923



224.7490, -16.1453, -1.5339



124.9240, -1.4415, -4.3183



0.0000, 0.0000, 0.0000



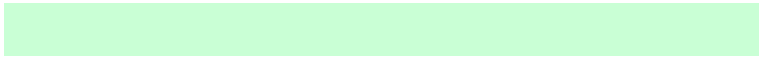
128.0000, 0.0000, 0.0000

Same Dimension

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



216.5060, -7.6445, -21.4918



234.0660, -10.3855, -28.9989



218.7860, 1.0915, -23.4913



110.3860, -2.1623, -6.4775



109.6330, -34.3291, -96.1481



31.1910, -9.9542, -27.3545

Inverse Universe

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



207.4940, 7.6445, 21.4918



221.9340, 10.3855, 28.9989



205.2140, -1.0915, 23.4913



107.6140, 2.1623, 6.4775



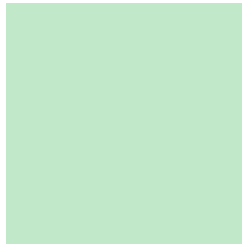
69.2530, 33.8923, 96.2481



19.8090, 9.9542, 27.3545

Previews

White Background



This preview shows how the YUV color 216.5060, -7.6445, -21.4918 looks on a white background.

Color Contrast Check

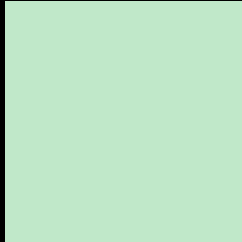
Large Text (above 18pt) WCAG AA × Fail

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 216.5060, -7.6445, -21.4918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

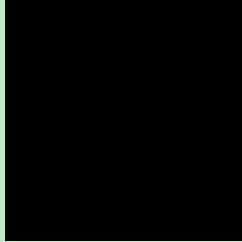
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.5060, -7.6445, -21.4918

Background



This preview shows how black text looks on a background with the YUV color 216.5060, -7.6445, -21.4918.



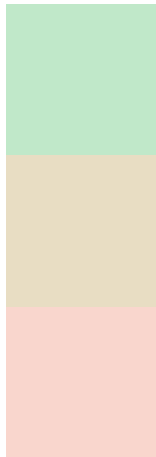
This preview shows how white text looks on a background with the YUV color 216.5060, -7.6445, -21.4918.

-21.4918.

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

216.5060, -7.6445, -21.4918

Protanopia

221.3250, -12.9782, 9.3620

Deuteranopia

223.4390, -9.0904, 22.4170



Tritanopia

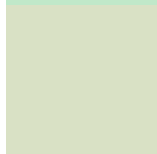
219.9790, 11.8424, -18.3986

Trichromacy



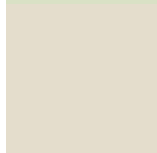
Original Color

216.5060, -7.6445, -21.4918



Protanomaly

219.4160, -11.0511, -2.1188



Deuteranomaly

221.1550, -8.4574, 6.0031



Tritanomaly

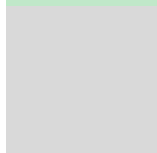
218.4320, 4.7170, -19.6729

Monochromacy



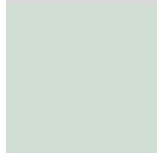
Original Color

216.5060, -7.6445, -21.4918



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.5600, -2.7411, -7.5071

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.5060, -7.6445, -21.4918 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(192, 232, 201)` looks like.

```
.text, #text, p{  
    color:rgb(192, 232, 201)  
}
```

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(192, 232, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 232, 201) }
```

Border

The CSS property to change the border of an element to YUV 216.5060, -7.6445, -21.4918 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(192, 232, 201) }
```


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

```
.border{ border-color:rgb(192, 232, 201) }
```

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

Here you see how a box with a 4 pixel rgb(192, 232, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 232, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 232, 201);  
box-shadow:4px 4px 4px 4px rgb(192, 232,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 216.5060, -7.6445, -21.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 232, 201) }
```

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

```
.background{ background-color: rgb(192,  
232, 201) }
```

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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