

Converting Colors

YUV(199.8690, -21.6274,
-16.5481)

Have a look what the booklet for
YUV(199.8690, -21.6274, -16.5481)
contains.

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Color

**YUV(199.8690, -21.6274,
-16.5481)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DA9C
RGB	181, 218, 156
RGB Percent	71%, 85%, 61%
CMY	0.2902, 0.1451, 0.3882
CMYK	0.17, 0.00, 0.28, 0.15
HSL	96°, 46%, 73%
HSV	96°, 28%, 85%
XYZ	50.1282, 62.3669, 40.8485
YIQ	199.8690, -2.1500, -27.1260

Conversions

Conversions Part 2

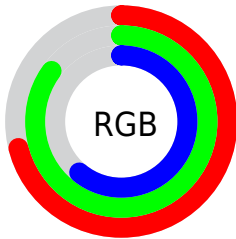
Format	Color
RYB	156, 218, 193
Decimal	11917980
CIELab	83.11, -23.22, 26.63
CIELCh	83, 35.331, 131.084
Yxy	62.3669, 0.3269, 0.4067
Android (android.graphics.Color)	4290108060 (0xFFB5DA9C)
YUV	199.8690, -21.6274, -16.5481
Hunter-Lab	78.9727, -24.8987, 24.6133

Details

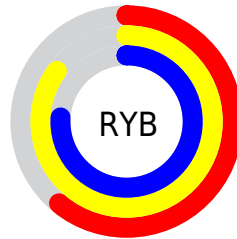
The YUV color **199.8690, -21.6274, -16.5481** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **174.1310, 21.6274, 16.5481**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.6020, -16.5658, -6.6670**, and **145.5100, -20.4644, -16.2333** is the 20% darker color. If you saturate the color by 10%, you get **193.4740, -29.3207, -22.3407**, and if you desaturate by 10%, it is **206.2640, -13.9342, -10.7555**.

Distribution



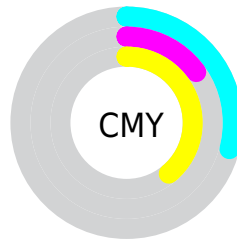
- Red (71%)
- Green (85%)
- Blue (61%)



- Red (61%)
- Yellow (85%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)



- Cyan (29%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.8690, -21.6274, -16.5481 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 199.8690, -21.6274, -16.5481 by changing the saturation by 10% instead.

■ 199.8690,
-21.6274, -16.5481

■ 199.8690,
-21.6274, -16.5481

255.0000, 0.0000,
0.0000

■ 172.3960,
-20.9012, -16.1333

■ 244.6020,
-16.5658, -6.6670

■ 145.5100,
-20.4644, -16.2333

■ 253.1760, -6.9888,
1.5996

■ 120.0370,
-19.7382, -15.8184

■ 94.5640, -19.0121,
-15.4036

■ 70.0910, -18.2859,
-14.9888

■ 46.9060, -17.7017,
-15.7036

■ 26.1600, -12.8969,

-16.8033

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 199.8690,
-21.6274, -16.5481

■ 199.8690,
-21.6274, -16.5481

■ 193.4740,
-29.3207, -22.3407

■ 206.2640,
-13.9342, -10.7555

■ 187.0790,
-37.0139, -28.1333

■ 212.6590, -6.2409,
-4.9629

■ 180.7980,
-44.2704, -34.0258

■ 218.9400, 1.0156,
0.9296

■ 174.4030,
-51.9637, -39.8184

■ 225.3350, 8.7088,
6.7222

■ 168.0080,
-59.6569, -45.6110

■ 230.5900, 12.0341,
13.5146

■ 161.6130,
-67.3502, -51.4036

■ 233.2810, 10.7075,
19.0476

■ 155.2180,
-75.0435, -57.1962

■ 154.2780,
-76.0591, -58.1258

Harmonies

Analogous

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



203.9390, -31.0289, 12.3315



199.8690, -21.6274, -16.5481



194.9220, -5.3845, -46.4126

Triad

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



199.8690, -21.6274, -16.5481



195.6290, 29.2699, -54.9256



205.4230, -4.6455, 43.4790

Complementary

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



199.8690, -21.6274, -16.5481



174.1310, 21.6274, 16.5481

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.



210.9460, 8.9006, 38.6354



199.8690, -21.6274, -16.5481



204.4100, 24.9409, -19.6536

Square

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



199.8690, -21.6274, -16.5481



189.3010, 29.9246, -78.3170



210.8210, 21.7802, 14.1890



204.8240, -19.6332, 44.0044

Rectangle

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



199.8690, -21.6274, -16.5481



190.9550, 7.9102, -63.9815



210.8210, 21.7802, 14.1890



206.6770, 0.1592, 42.3793

Sweetspot

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



199.8690, -21.6274, -16.5481



248.1920, -7.9827, -6.3074



195.6700, -19.5573, 19.5834



123.5990, -5.2253, -4.0333



0.0000, 0.0000, 0.0000



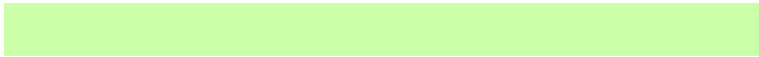
128.0000, 0.0000, 0.0000

Same Dimension

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



199.8690, -21.6274, -16.5481



229.5340, -30.3363, -23.2703



192.9640, -15.7583, -32.4174



106.6530, -3.7729, -3.2037



122.4810, -60.3831, -46.0258



32.6830, -16.1127, -12.0000

Inverse Universe

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



174.1310, 21.6274, 16.5481



193.4660, 30.3363, 23.2703



181.0360, 15.7583, 32.4174



102.0480, 3.9203, 2.5889



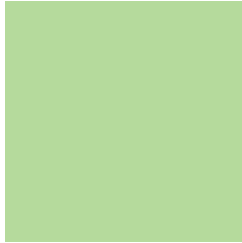
50.5190, 60.3831, 46.0258



13.3170, 16.1127, 12.0000

Previews

White Background



This preview shows how the YUV color 199.8690, -21.6274, -16.5481 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 199.8690, -21.6274, -16.5481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

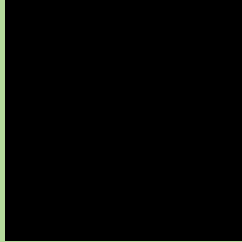
Any Text WCAG AA ✓ Pass

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 199.8690, -21.6274, -16.5481 Background



This preview shows how black text looks on a background with the YUV color 199.8690, -21.6274, -16.5481.



This preview shows how white text looks on a background with the YUV color 199.8690, -21.6274, -16.5481.

-16.5481.

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

199.8690, -21.6274, -16.5481

Protanopia

204.5140, -26.3824, 15.3352

Deuteranopia

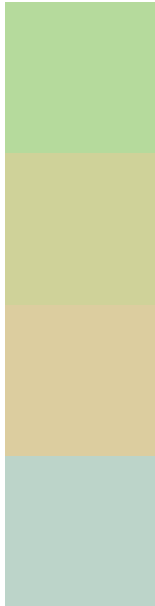
206.8240, -23.0842, 30.8494



Tritanopia

205.8550, 9.9315, -12.1508

Trichromacy



Original Color

199.8690, -21.6274, -16.5481

Protanomaly

202.6050, -24.4553, 3.8544

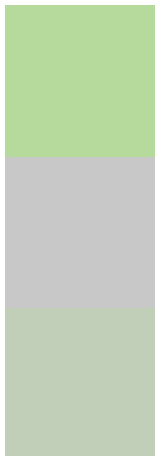
Deuteranomaly

204.2410, -22.3038, 13.8206

Tritanomaly

203.5700, -1.2670, -13.6549

Monochromacy



Original Color

199.8690, -21.6274, -16.5481

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.1920, -7.9827, -6.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.8690, -21.6274, -16.5481 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(181, 218, 156)` looks like.

```
.text, #text, p{  
    color:rgb(181, 218, 156)  
}
```

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(181, 218, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 218, 156) }
```

Border

The CSS property to change the border of an element to YUV 199.8690, -21.6274, -16.5481 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(181, 218, 156) }
```


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

```
.border{ border-color:rgb(181, 218, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 218, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 218, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 218, 156); box-shadow:4px 4px 4px 4px rgb(181, 218, 156) }
```

Background

The CSS property to change the background color of an element to YUV 199.8690, -21.6274, -16.5481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 218, 156) }
```

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

```
.background{ background-color: rgb(181,  
218, 156) }
```

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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