

Converting Colors

YUV(202.5470, -36.7517,
-18.8967)

Have a look what the booklet for
YUV(202.5470, -36.7517, -18.8967)
contains.

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Color

**YUV(202.5470, -36.7517,
-18.8967)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E480
RGB	181, 228, 128
RGB Percent	71%, 89%, 50%
CMY	0.2902, 0.1059, 0.4980
CMYK	0.21, 0.00, 0.44, 0.11
HSL	88°, 65%, 70%
HSV	88°, 44%, 89%
XYZ	50.6957, 66.8691, 30.6571
YIQ	202.5470, 4.0880, -41.0640

Conversions

Conversions Part 2

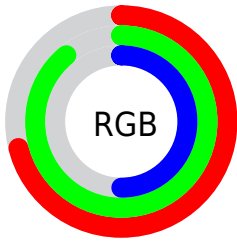
Format	Color
RYB	128, 228, 175
Decimal	11920512
CIELab	85.44, -31.74, 43.81
CIElCh	85, 54.098, 125.925
Yxy	66.8691, 0.3420, 0.4511
Android (android.graphics.Color)	4290110592 (0xFFB5E480)
YUV	202.5470, -36.7517, -18.8967
Hunter-Lab	81.7735, -32.4420, 35.0134

Details

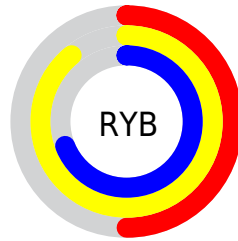
The YUV color $202.5470, -36.7517, -18.8967$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $153.4530, 36.7517, 18.8967$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.5950, -29.3803, -3.1528$, and $147.3020, -35.1519, -18.6819$ is the 20% darker color. If you saturate the color by 10%, you get $196.6360, -45.1765, -23.3598$, and if you desaturate by 10%, it is $208.4580, -28.3268, -14.4337$.

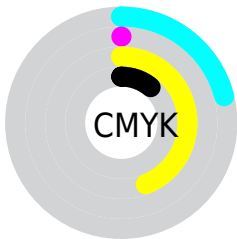
Distribution



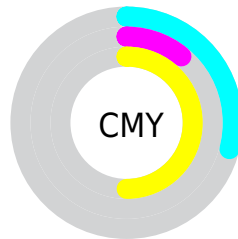
- Red (71%)
- Green (89%)
- Blue (50%)



- Red (50%)
- Yellow (89%)
- Blue (69%)



- Cyan (21%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.5470, -36.7517, -18.8967 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 202.5470, -36.7517, -18.8967 by changing the saturation by 10% instead.

■ 202.5470,
-36.7517, -18.8967

■ 202.5470,
-36.7517, -18.8967

255.0000, 0.0000,
0.0000

■ 174.7750,
-35.8781, -19.0967

■ 241.5950,
-29.3803, -3.1528

■ 147.3020,
-35.1519, -18.6819

■ 249.8700,
-19.6559, 4.4990

■ 121.4160,
-34.7151, -18.7818

■ 253.1760, -6.9888,
1.5996

■ 95.1170, -34.5677,
-19.3966

■ 69.8180, -34.4203,
-20.0114

■ 48.2550, -23.7897,
-23.0256

■ 28.1760, -13.8908,

-24.7104

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 202.5470,
-36.7517, -18.8967

■ 202.5470,
-36.7517, -18.8967

■ 196.6360,
-45.1765, -23.3598

■ 208.4580,
-28.3268, -14.4337

■ 191.0240,
-53.7488, -27.2080

■ 214.0700,
-19.7545, -10.5854

■ 185.2270,
-61.7369, -31.7711

■ 219.8670,
-11.7664, -6.0224

■ 179.3160,
-70.1618, -36.2341

■ 225.7780, -3.3416,
-1.5593

■ 173.4050,
-78.5867, -40.6972

■ 231.6890, 5.0833,
2.9037

■ 170.0150,
-83.8174, -42.9862

■ 236.1610, 9.2876,
7.7518

■ 239.1510, 7.8136,
13.8996

Harmonies

Analogous

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



208.3090, -48.9593, 23.4080



202.5470, -36.7517, -18.8967



192.5850, -11.1344, -68.9190

Triad

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



202.5470, -36.7517, -18.8967



164.0800, 44.8236, -143.8982



199.9920, 2.4689, 48.2420

Complementary

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



202.5470, -36.7517, -18.8967



153.4530, 36.7517, 18.8967

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.



210.3880, 21.9937, 39.1247



202.5470, -36.7517, -18.8967



199.8260, 27.2008, -44.5744

Square

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



202.5470, -36.7517, -18.8967



168.7760, 42.5084, -148.0166



213.4900, 20.4644, 16.2333



199.1020, -21.2493, 49.0225

Rectangle

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



202.5470, -36.7517, -18.8967



175.6120, 14.4883, -120.6857



213.4900, 20.4644, 16.2333



202.6310, 10.0419, 45.9276

Sweetspot

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



202.5470, -36.7517, -18.8967



246.4540, -12.0558, -6.5372



185.4890, -28.3421, 37.2821



122.6160, -7.6987, -4.0482



0.0000, 0.0000, 0.0000



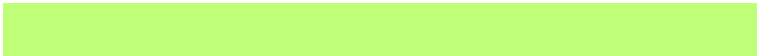
128.0000, 0.0000, 0.0000

Same Dimension

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



202.5470, -36.7517, -18.8967



220.4740, -49.5337, -25.8487



187.5970, -29.3813, -49.6356



111.8380, -4.3571, -2.4889



133.4780, -65.8047, -33.7452



38.0100, -18.7389, -9.6558

Inverse Universe

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



153.4530, 36.7517, 18.8967



154.2270, 49.6811, 25.2339



168.4030, 29.3813, 49.6356



106.1620, 4.3571, 2.4889



45.5220, 65.8047, 33.7452



12.9900, 18.7389, 9.6558

Previews

White Background



This preview shows how the YUV color 202.5470, -36.7517, -18.8967 looks on a white background.

Color Contrast Check

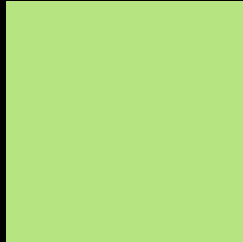
Large Text (above 18pt) WCAG AA × Fail

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 202.5470, -36.7517, -18.8967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

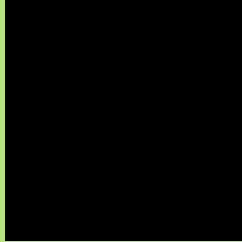
Any Text WCAG AA ✓ Pass

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 202.5470, -36.7517, -18.8967 Background



This preview shows how black text looks on a background with the YUV color 202.5470, -36.7517, -18.8967.



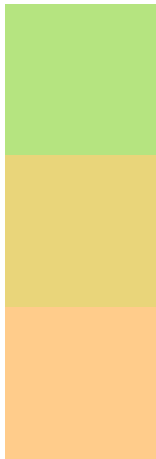
This preview shows how white text looks on a background with the YUV color 202.5470, -36.7517, -18.8967.

-18.8967.

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

202.5470, -36.7517, -18.8967

Protanopia

208.6060, -42.6968, 21.3935

Deuteranopia

211.8390, -35.9096, 37.8522



Tritanopia

211.9580, 10.3737, -13.9952

Trichromacy



Original Color

202.5470, -36.7517, -18.8967

Protanomaly

206.0880, -40.4694, 6.9388

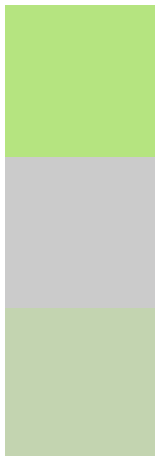
Deuteranomaly

208.5930, -36.2813, 17.0199

Tritanomaly

208.4790, -6.6451, -15.3291

Monochromacy



Original Color

202.5470, -36.7517, -18.8967

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.8130, -13.2188, -6.8520

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.5470, -36.7517, -18.8967 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, 228, 128)` looks like.

```
.text, #text, p{  
    color:rgb(181, 228, 128)  
}
```

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, 228, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 228, 128) }
```

Border

The CSS property to change the border of an element to YUV 202.5470, -36.7517, -18.8967 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, 228, 128) }
```


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

```
.border{ border-color:rgb(181, 228, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 228, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 228, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 228, 128); box-shadow:4px 4px 4px 4px rgb(181, 228, 128) }
```

Background

The CSS property to change the background color of an element to YUV 202.5470, -36.7517, -18.8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 228, 128) }
```

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

```
.background{ background-color: rgb(181,  
228, 128) }
```

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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