

Converting Colors

YUV(201.4850, -12.5641,
-30.2433)

Have a look what the booklet for
YUV(201.4850, -12.5641, -30.2433)
contains.

YUV(201.4850, -12.5641, -30.2433)	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(201.4850, -12.5641,
-30.2433)**

Conversions

Conversions Part 1

Format	Color
Hex	A7E0B0
RGB	167, 224, 176
RGB Percent	65%, 88%, 69%
CMY	0.3451, 0.1216, 0.3098
CMYK	0.25, 0.00, 0.21, 0.12
HSL	129°, 48%, 77%
HSV	129°, 25%, 88%
XYZ	50.4285, 64.6614, 50.8973
YIQ	201.4850, -18.5640, -27.0120

Conversions

Conversions Part 2

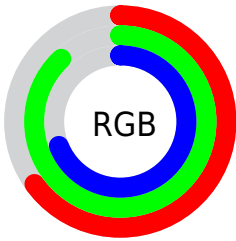
Format	Color
RYB	167, 216, 224
Decimal	11002032
CIELab	84.31, -27.59, 17.73
CIElCh	84, 32.794, 147.275
Yxy	64.6614, 0.3038, 0.3896
Android (android.graphics.Color)	4289192112 (0xFFA7E0B0)
YUV	201.4850, -12.5641, -30.2433
Hunter-Lab	80.4123, -28.7799, 18.7607

Details

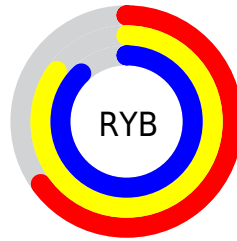
The YUV color **201.4850, -12.5641, -30.2433** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **189.5150, 12.5641, 30.2433**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.8100, -5.3293, -17.3734**, and **147.3110, -11.9853, -29.2137** is the 20% darker color. If you saturate the color by 10%, you get **192.7410, -17.6203, -41.8689**, and if you desaturate by 10%, it is **210.2290, -7.5079, -18.6178**.

Distribution



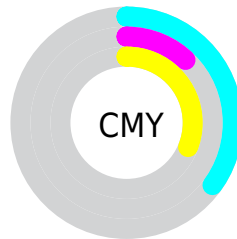
- Red (65%)
- Green (88%)
- Blue (69%)



- Red (65%)
- Yellow (85%)
- Blue (88%)



- Cyan (25%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)



- Cyan (35%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.4850, -12.5641, -30.2433 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 201.4850, -12.5641, -30.2433 by changing the saturation by 10% instead.

■ 201.4850,
-12.5641, -30.2433

■ 201.4850,
-12.5641, -30.2433

255.0000, 0.0000,
0.0000

■ 173.8980,
-12.2747, -29.7285

■ 242.8100, -5.3293,
-17.3734

■ 147.3110,
-11.9853, -29.2137

■ 254.1030, 0.4422,
-1.8443

■ 120.8380,
-11.2591, -28.7989

■ 95.3650, -10.5329,
-28.3841

■ 70.5930, -9.6593,
-28.5841

■ 45.7390, -7.7593,
-31.3431

■ 26.5120, -10.1124,

-23.2510

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 201.4850,
-12.5641, -30.2433

■ 201.4850,
-12.5641, -30.2433

■ 192.7410,
-17.6203, -41.8689

■ 210.2290, -7.5079,
-18.6178

■ 183.6980,
-22.5291, -54.1091

■ 219.2720, -2.5991,
-6.3775

■ 174.9540,
-27.5853, -65.7347

■ 228.0160, 2.4571,
5.2480

■ 166.0250,
-32.0573, -78.0749

■ 236.3470, 7.2239,
16.3587

■ 157.2810,
-37.1135, -89.7004

■ 236.8030, 8.9711,
15.9588

■ 148.5370,
-42.1697, -101.3259

■ 139.4940,
-47.0785, -113.5662

■ 135.4780,
-49.5357, -118.8142

Harmonies

Analogous

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



205.7460, -25.0178, -2.4082



201.4850, -12.5641, -30.2433



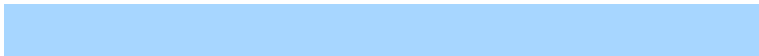
196.7990, 4.5361, -55.0747

Triad

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



201.4850, -12.5641, -30.2433



204.6210, 24.8368, -32.9936



208.0500, -12.3496, 41.1752

Complementary

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



201.4850, -12.5641, -30.2433



189.5150, 12.5641, 30.2433

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.



210.9970, 1.4805, 38.5906



201.4850, -12.5641, -30.2433



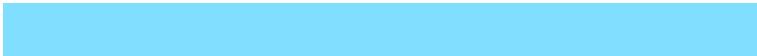
211.3200, 21.5342, -0.2806

Square

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



201.4850, -12.5641, -30.2433



197.6560, 28.2706, -61.0883



214.9600, 14.3167, 28.0991



210.0100, -25.1479, 39.4562

Rectangle

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



201.4850, -12.5641, -30.2433



195.1100, 16.2148, -67.6255



214.9600, 14.3167, 28.0991



208.6030, -7.6923, 40.6902

Sweetspot

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



201.4850, -12.5641, -30.2433



247.0820, -4.4774, -10.5959



214.8110, -23.5708, 0.1658



122.8590, -2.8885, -6.8923



0.0000, 0.0000, 0.0000



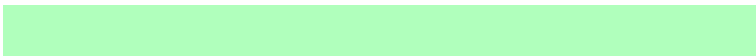
128.0000, 0.0000, 0.0000

Same Dimension

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



201.4850, -12.5641, -30.2433



223.7410, -17.6203, -41.8689



204.6770, -0.3338, -33.0427



107.6850, -2.3097, -5.8627



106.5040, -38.7025, -93.4040



29.0880, -10.3964, -25.5102

Inverse Universe

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



189.5150, 12.5641, 30.2433



207.2590, 17.6203, 41.8689



186.3230, 0.3338, 33.0427



105.3150, 2.3097, 5.8627



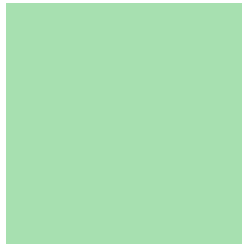
69.4960, 38.7025, 93.4040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 201.4850, -12.5641, -30.2433 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 201.4850, -12.5641, -30.2433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

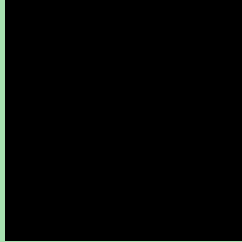
Any Text WCAG AA ✓ Pass

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 201.4850, -12.5641, -30.2433 Background



This preview shows how black text looks on a background with the YUV color 201.4850, -12.5641, -30.2433.



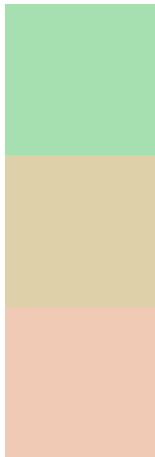
This preview shows how white text looks on a background with the YUV color 201.4850, -12.5641, -30.2433.

-30.2433.

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

201.4850, -12.5641, -30.2433

Protanopia

208.3270, -19.3882, 11.9912

Deuteranopia

210.9680, -14.7742, 25.4611



Tritanopia

206.2770, 13.1744, -25.6759

Trichromacy



Original Color

201.4850, -12.5641, -30.2433

Protanomaly

205.6240, -16.5766, -3.1782

Deuteranomaly

207.3630, -13.9830, 4.9436

Tritanomaly

204.4480, 3.7231, -27.5799

Monochromacy



Original Color

201.4850, -12.5641, -30.2433

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.0820, -4.4774, -10.5959

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.4850, -12.5641, -30.2433 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(167, 224, 176)` looks like.

```
.text, #text, p{  
    color:rgb(167, 224, 176)  
}
```

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(167, 224, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 224, 176) }
```

Border

The CSS property to change the border of an element to YUV 201.4850, -12.5641, -30.2433 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(167, 224, 176) }
```


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

```
.border{ border-color:rgb(167, 224, 176) }
```

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

Here you see how a box with a 4 pixel rgb(167, 224, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 224, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 224, 176);  
box-shadow:4px 4px 4px 4px rgb(167, 224,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 201.4850, -12.5641, -30.2433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 224, 176) }
```

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

```
.background{ background-color: rgb(167,  
224, 176) }
```

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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