

Converting Colors

YUV(189.8440, -30.4891,
-20.9112)

Have a look what the booklet for
YUV(189.8440, -30.4891, -20.9112)
contains.

YUV(189.8440, -30.4891, -20.9112)	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(189.8440, -30.4891,
-20.9112)**

Conversions

Conversions Part 1

Format	Color
Hex	A6D680
RGB	166, 214, 128
RGB Percent	65%, 84%, 50%
CMY	0.3490, 0.1608, 0.4980
CMYK	0.22, 0.00, 0.40, 0.16
HSL	93°, 51%, 67%
HSV	93°, 40%, 84%
XYZ	43.6687, 57.7586, 29.2690
YIQ	189.8440, -1.0020, -36.9220

Conversions

Conversions Part 2

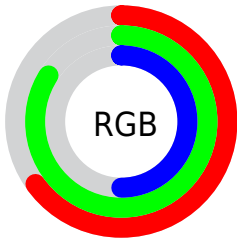
Format	Color
RYB	128, 214, 176
Decimal	10933888
CIELab	80.60, -30.58, 37.48
CIElCh	81, 48.376, 129.210
Yxy	57.7586, 0.3341, 0.4419
Android (android.graphics.Color)	4289123968 (0xFFA6D680)
YUV	189.8440, -30.4891, -20.9112
Hunter-Lab	75.9991, -30.4332, 30.3654

Details

The YUV color **189.8440, -30.4891, -20.9112** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **152.1560, 30.4891, 20.9112**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8110, -27.0218, -12.9892**, and **135.5990, -28.8893, -20.6963** is the 20% darker color. If you saturate the color by 10%, you get **183.8620, -37.8930, -26.1890**, and if you desaturate by 10%, it is **195.8260, -23.0852, -15.6334**.

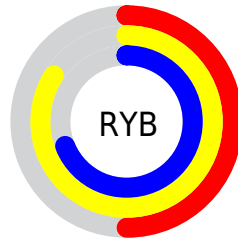
Distribution



Red (65%)

Green (84%)

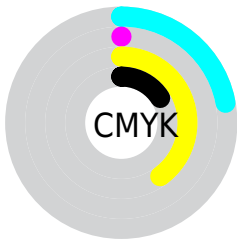
Blue (50%)



Red (50%)

Yellow (84%)

Blue (69%)

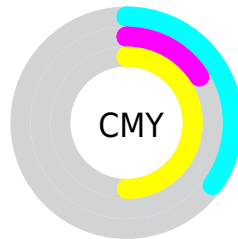


Cyan (22%)

Magenta (0%)

Yellow (40%)

Black (16%)



Cyan (35%)

Magenta (16%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8440, -30.4891, -20.9112 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 189.8440, -30.4891, -20.9112 by changing the saturation by 10% instead.

■ 189.8440,
-30.4891, -20.9112

■ 189.8440,
-30.4891, -20.9112

255.0000, 0.0000,
0.0000

■ 162.3710,
-29.7629, -20.4964

■ 236.8110,
-27.0218, -12.9892

■ 135.5990,
-28.8893, -20.6963

■ 248.6740,
-19.0663, 2.0399

■ 109.8270,
-28.0157, -20.8963

■ 253.0620, -7.4256,
1.6996

■ 84.2400, -27.7263,
-20.3815

■ 59.3000, -28.7419,
-21.3111

■ 37.0250, -18.2533,
-25.4549

■ 22.3060, -10.9969,

-19.5624

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 189.8440,
-30.4891, -20.9112

■ 189.8440,
-30.4891, -20.9112

■ 183.8620,
-37.8930, -26.1890

■ 195.8260,
-23.0852, -15.6334

■ 177.7660,
-45.7336, -31.3668

■ 201.9220,
-15.2445, -10.4556

■ 171.7840,
-53.1375, -36.6446

■ 207.9040, -7.8407,
-5.1778

■ 165.6880,
-60.9782, -41.8224

■ 214.0000, 0.0000,
0.0000

■ 159.7060,
-68.3821, -47.1002

■ 219.9820, 7.4039,
5.2778

■ 154.0230,
-75.9333, -51.7632

■ 225.8500, 14.3710,
10.6556

■ 229.4380, 12.6021,
18.0329

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



195.2850, -42.5385, 17.2901



189.8440, -30.4891, -20.9112



180.6440, -7.2195, -64.5858

Triad

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



189.8440, -30.4891, -20.9112



169.9480, 41.9306, -102.5634



193.9450, -2.9309, 53.5452

Complementary

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



189.8440, -30.4891, -20.9112



152.1560, 30.4891, 20.9112

Split Complementary

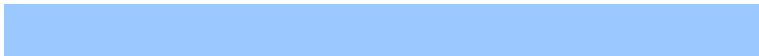
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



201.4230, 15.5675, 46.9870



189.8440, -30.4891, -20.9112



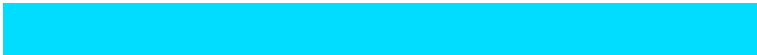
192.5160, 30.8046, -33.7785

Square

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



189.8440, -30.4891, -20.9112



158.7970, 47.4281, -139.2650



203.1680, 25.5532, 17.3927



193.1520, -23.7389, 54.2407

Rectangle

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



189.8440, -30.4891, -20.9112



168.5970, 14.0027, -104.8866



203.1680, 25.5532, 17.3927



195.6550, 3.6211, 52.0456

Sweetspot

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



189.8440, -30.4891, -20.9112



246.3830, -11.0348, -7.3519



181.3030, -26.2784, 28.6753



122.9580, -6.3883, -4.3482



0.0000, 0.0000, 0.0000



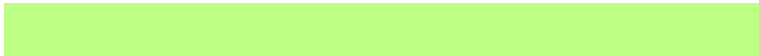
128.0000, 0.0000, 0.0000

Same Dimension

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



189.8440, -30.4891, -20.9112



220.7600, -43.2657, -29.6075



178.9380, -23.1404, -44.6726



103.9520, -3.9203, -2.5889



122.8020, -60.5414, -41.9224



30.9220, -15.2445, -10.4556

Inverse Universe

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



152.1560, 30.4891, 20.9112



167.2400, 43.2657, 29.6075



163.0620, 23.1404, 44.6726



99.0480, 3.9203, 2.5889



47.8990, 60.6888, 41.3076



12.0780, 15.2445, 10.4556

Previews

White Background



This preview shows how the YUV color 189.8440, -30.4891, -20.9112 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 189.8440, -30.4891, -20.9112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

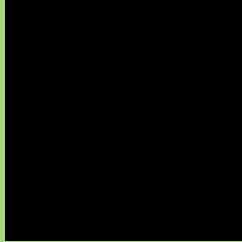
Any Text WCAG AA ✓ Pass

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 189.8440, -30.4891, -20.9112 Background



This preview shows how black text looks on a background with the YUV color 189.8440, -30.4891, -20.9112.



This preview shows how white text looks on a background with the YUV color 189.8440, -30.4891, -20.9112.

-20.9112.

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

189.8440, -30.4891, -20.9112

Protanopia

195.9030, -36.4342, 19.3791

Deuteranopia

198.7400, -32.4098, 35.3080



Tritanopia

197.9470, 10.3791, -15.7395

Trichromacy



Original Color

189.8440, -30.4891, -20.9112

Protanomaly

193.3850, -34.2068, 4.9244

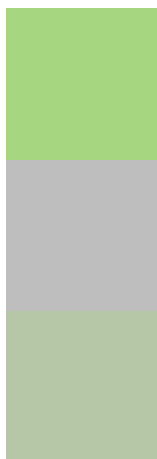
Deuteranomaly

195.1350, -31.6186, 14.7906

Tritanomaly

195.0380, -4.4557, -17.5733

Monochromacy



Original Color

189.8440, -30.4891, -20.9112

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9700, -11.3242, -7.8667

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8440, -30.4891, -20.9112 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(166, 214, 128)` looks like.

```
.text, #text, p{  
    color:rgb(166, 214, 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(166, 214, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 214, 128) }
```

Border

The CSS property to change the border of an element to YUV 189.8440, -30.4891, -20.9112 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(166, 214, 128) }
```


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

```
.border{ border-color:rgb(166, 214, 128) }
```

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

Here you see how a box with a 4 pixel rgb(166, 214, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 214, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 214, 128);  
box-shadow:4px 4px 4px 4px rgb(166, 214,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 189.8440, -30.4891, -20.9112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 214, 128) }
```

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

```
.background{ background-color: rgb(166,  
214, 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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