

Converting Colors

YUV(189.9010, -20.1642,
-19.2072)

Have a look what the booklet for
YUV(189.9010, -20.1642, -19.2072)
contains.

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Color

**YUV(189.9010, -20.1642,
-19.2072)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D195
RGB	168, 209, 149
RGB Percent	66%, 82%, 58%
CMY	0.3412, 0.1804, 0.4157
CMYK	0.20, 0.00, 0.29, 0.18
HSL	101°, 39%, 70%
HSV	101°, 29%, 82%
XYZ	44.3737, 56.0957, 36.9226
YIQ	189.9010, -5.1760, -27.3520

Conversions

Conversions Part 2

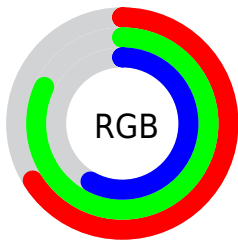
Format	Color
RYB	149, 209, 190
Decimal	11063701
CIELab	79.67, -24.48, 25.48
CIELCh	80, 35.333, 133.858
Yxy	56.0957, 0.3230, 0.4083
Android (android.graphics.Color)	4289253781 (0xFFA8D195)
YUV	189.9010, -20.1642, -19.2072
Hunter-Lab	74.8971, -25.3152, 23.1993

Details

The YUV color **189.9010, -20.1642, -19.2072** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **168.0990, 20.1642, 19.2072**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8030, -18.1439, -13.8592**, and **135.9550, -18.7118, -18.3775** is the 20% darker color. If you saturate the color by 10%, you get **183.3210, -27.2733, -25.7145**, and if you desaturate by 10%, it is **196.4810, -13.0551, -12.6998**.

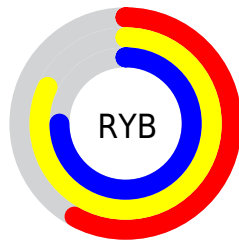
Distribution



Red (66%)

Green (82%)

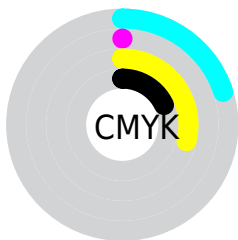
Blue (58%)



Red (58%)

Yellow (82%)

Blue (75%)

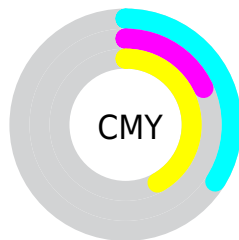


Cyan (20%)

Magenta (0%)

Yellow (29%)

Black (18%)



Cyan (34%)

Magenta (18%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.9010, -20.1642, -19.2072 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 189.9010, -20.1642, -19.2072 by changing the saturation by 10% instead.

■ 189.9010,
-20.1642, -19.2072

■ 189.9010,
-20.1642, -19.2072

255.0000, 0.0000,
0.0000

■ 162.4280,
-19.4380, -18.7924

■ 239.8030,
-18.1439, -13.8592

■ 135.9550,
-18.7118, -18.3775

■ 251.7800, -9.7515,
1.0699

■ 110.3680,
-18.4224, -17.8627

■ 85.5960, -17.5488,
-18.0627

■ 61.8240, -16.6752,
-18.2626

■ 37.8240, -16.6752,
-18.2626

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 189.9010,
-20.1642, -19.2072

■ 189.9010,
-20.1642, -19.2072

■ 183.3210,
-27.2733, -25.7145

■ 196.4810,
-13.0551, -12.6998

■ 176.4420,
-34.2349, -32.8366

■ 203.3600, -6.0935,
-5.5777

■ 169.8620,
-41.3440, -39.3440

■ 209.9400, 1.0156,
0.9296

■ 163.2820,
-48.4530, -45.8513

■ 216.5200, 8.1246,
7.4370

■ 156.8160,
-55.1253, -52.4586

■ 223.1000, 15.2337,
13.9443

■ 149.9370,
-62.0869, -59.5807

■ 227.6990, 13.4594,
23.0660

■ 143.3570,
-69.1960, -66.0881

■ 227.9980, 13.3120,
23.6808

■ 142.4170,
-70.2116, -67.0177

Harmonies

Analogous

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



193.8570, -30.0025, 9.7724



189.9010, -20.1642, -19.2072



184.4810, -3.1951, -48.6568

Triad

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



189.9010, -20.1642, -19.2072



187.9650, 33.0483, -53.4663



198.6580, -7.7194, 49.4119

Complementary

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



189.9010, -20.1642, -19.2072



168.0990, 20.1642, 19.2072

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.



202.5120, 7.1426, 42.5240



189.9010, -20.1642, -19.2072



196.4580, 28.8612, -17.0647

Square

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



189.9010, -20.1642, -19.2072



179.5290, 30.7982, -78.5169



202.0170, 21.1906, 16.6481



198.7600, -22.5597, 49.3225

Rectangle

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



189.9010, -20.1642, -19.2072



181.1010, 9.8102, -66.7406



202.0170, 21.1906, 16.6481



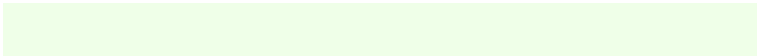
199.9120, -2.9146, 48.3122

Sweetspot

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



189.9010, -20.1642, -19.2072



247.5940, -7.6878, -7.5369



191.0070, -20.7095, 15.7799



123.3000, -5.0779, -4.6481



0.0000, 0.0000, 0.0000



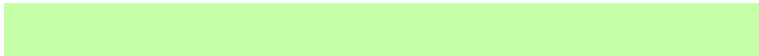
128.0000, 0.0000, 0.0000

Same Dimension

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



189.9010, -20.1642, -19.2072



227.4410, -29.3044, -27.5738



185.4740, -12.5587, -31.9877



101.3540, -3.6255, -3.8185



114.4630, -56.4303, -53.9031



27.9540, -13.7813, -13.1147

Inverse Universe

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



168.0990, 20.1642, 19.2072



195.8580, 29.1570, 28.1885



172.5260, 12.5587, 31.9877



97.3470, 3.7729, 3.2037



53.5370, 56.4303, 53.9031



13.0460, 13.7813, 13.1147

Previews

White Background



This preview shows how the YUV color 189.9010, -20.1642, -19.2072 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 189.9010, -20.1642, -19.2072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

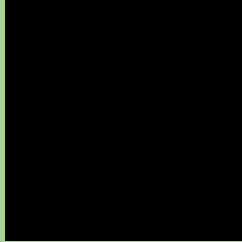
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

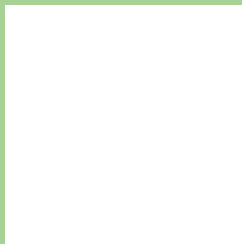
Any Text WCAG AAA ✓ Pass

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

YUV 189.9010, -20.1642, -19.2072 Background



This preview shows how black text looks on a background with the YUV color 189.9010, -20.1642, -19.2072.



This preview shows how white text looks on a background with the YUV color 189.9010, -20.1642, -19.2072.

-19.2072.

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

189.9010, -20.1642, -19.2072

Protanopia

195.4430, -25.3614, 14.5205

Deuteranopia

197.4540, -21.9158, 29.4198



Tritanopia

195.5450, 10.0843, -14.5100

Trichromacy



Original Color

189.9010, -20.1642, -19.2072

Protanomaly

193.2350, -23.2869, 2.4249

Deuteranomaly

194.5720, -20.9880, 11.7764

Tritanomaly

193.3740, -0.6774, -16.1140

Monochromacy



Original Color

189.9010, -20.1642, -19.2072

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.0070, -7.3985, -7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.9010, -20.1642, -19.2072 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(168, 209, 149)` looks like.

```
.text, #text, p{  
    color:rgb(168, 209, 149)  
}
```

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(168, 209, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 209, 149) }
```

Border

The CSS property to change the border of an element to YUV 189.9010, -20.1642, -19.2072 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(168, 209, 149) }
```


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

```
.border{ border-color:rgb(168, 209, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 209, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 209, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 209, 149);  
box-shadow:4px 4px 4px 4px rgb(168, 209,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 189.9010, -20.1642, -19.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 209, 149) }
```

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

```
.background{ background-color: rgb(168,  
209, 149) }
```

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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