

Converting Colors

YUV(189.4290, -20.9175,
-10.9002)

Have a look what the booklet for
YUV(189.4290, -20.9175, -10.9002)
contains.

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Color

**YUV(189.4290, -20.9175,
-10.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CC93
RGB	177, 204, 147
RGB Percent	69%, 80%, 58%
CMY	0.3059, 0.2000, 0.4235
CMYK	0.13, 0.00, 0.28, 0.20
HSL	88°, 36%, 69%
HSV	88°, 28%, 80%
XYZ	44.9908, 54.6394, 35.7790
YIQ	189.4290, 2.2050, -23.4510

Conversions

Conversions Part 2

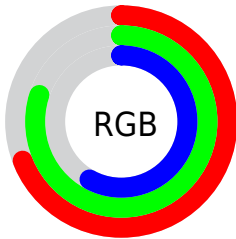
Format	Color
RYB	147, 204, 174
Decimal	11652243
CIELab	78.83, -19.09, 25.49
CIELCh	79, 31.849, 126.831
Yxy	54.6394, 0.3323, 0.4035
Android (android.graphics.Color)	4289842323 (0xFFB1CC93)
YUV	189.4290, -20.9175, -10.9002
Hunter-Lab	73.9185, -20.7126, 23.0446

Details

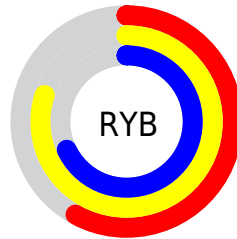
The YUV color $189.4290, -20.9175, -10.9002$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $161.5710, 20.9175, 10.9002$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.2660, -20.3441, -8.1263$, and $136.0700, -19.7545, -10.5854$ is the 20% darker color. If you saturate the color by 10%, you get $184.1590, -28.1794, -15.0484$, and if you desaturate by 10%, it is $194.6990, -13.6556, -6.7520$.

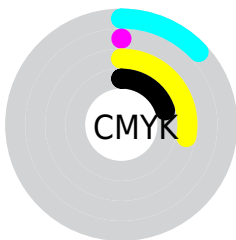
Distribution



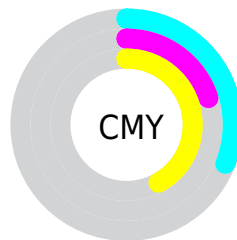
- Red (69%)
- Green (80%)
- Blue (58%)



- Red (58%)
- Yellow (80%)
- Blue (68%)



- Cyan (13%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.4290, -20.9175, -10.9002 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 189.4290, -20.9175, -10.9002 by changing the saturation by 10% instead.

■ 189.4290,
-20.9175, -10.9002

■ 189.4290,
-20.9175, -10.9002

255.0000, 0.0000,
0.0000

■ 162.5430,
-20.4807, -11.0002

■ 242.2660,
-20.3441, -8.1263

■ 136.0700,
-19.7545, -10.5854

■ 252.1500,
-10.9200, 2.4994

■ 110.2980,
-18.8809, -10.7853

■ 85.8250, -18.1547,
-10.3705

■ 61.9390, -17.7179,
-10.4705

■ 39.1240, -18.3021,
-9.7557

■ 18.1970, -8.9711,

-15.9588

■ 0.0000, 0.0000,
0.0000

■ 189.4290,
-20.9175, -10.9002

■ 189.4290,
-20.9175, -10.9002

■ 184.1590,
-28.1794, -15.0484

■ 194.6990,
-13.6556, -6.7520

■ 179.0740,
-36.0255, -18.4819

■ 199.7840, -5.8095,
-3.3186

■ 173.8040,
-43.2874, -22.6301

■ 205.0540, 1.4524,
0.8296

■ 168.4200,
-50.9861, -26.6783

■ 210.4380, 9.1511,
4.8779

■ 163.4490,
-58.3954, -30.2118

■ 215.4090, 16.5604,
8.4113

■ 158.1790,
-65.6572, -34.3600

■ 219.0830, 17.7071,
13.9592

■ 152.7950,
-73.3559, -38.4082

■ 222.0730, 16.2330,
20.1070

■ 151.7410,
-74.8083, -39.2379

■ 224.7640, 14.9063,
25.6400

■ 225.0630, 14.7589,
26.2547

Harmonies

Analogous

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



192.4600, -27.8348, 14.5056



189.4290, -20.9175, -10.9002



185.5210, -7.1589, -37.2909

Triad

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



189.4290, -20.9175, -10.9002



185.5090, 31.3011, -53.0664



199.0430, -4.9512, 48.1973

Complementary

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



189.4290, -20.9175, -10.9002



161.5710, 20.9175, 10.9002

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.



199.7390, 9.4957, 34.4319



189.4290, -20.9175, -10.9002



193.9410, 29.6091, -23.6273

Square

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



189.4290, -20.9175, -10.9002



179.9880, 24.6559, -68.3955



198.4890, 21.9439, 8.3411



197.6010, -18.0443, 47.7079

Rectangle

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



189.4290, -20.9175, -10.9002



181.8100, 4.5307, -53.3304



198.4890, 21.9439, 8.3411



199.2860, -0.1410, 45.3532

Sweetspot

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



189.4290, -20.9175, -10.9002



249.7300, -7.2619, -4.1482



179.8920, -16.2158, 21.1427



124.4250, -4.6465, -3.0037



0.0000, 0.0000, 0.0000



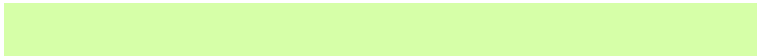
128.0000, 0.0000, 0.0000

Same Dimension

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



189.4290, -20.9175, -10.9002



232.8230, -31.9577, -16.5078



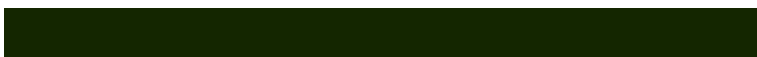
181.0570, -16.7901, -28.1140



99.3650, -3.6309, -2.0741



123.4550, -60.8633, -31.9710



28.2860, -13.9450, -7.2668

Inverse Universe

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



161.5710, 20.9175, 10.9002



190.1770, 31.9577, 16.5078



169.9430, 16.7901, 28.1140



94.6350, 3.6309, 2.0741



42.5450, 60.8633, 31.9710



9.7140, 13.9450, 7.2668

Previews

White Background



This preview shows how the YUV color 189.4290, -20.9175, -10.9002 looks on a white background.

Color Contrast Check

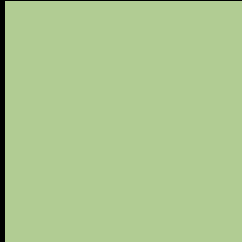
Large Text (above 18pt) WCAG AA × Fail

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 189.4290, -20.9175, -10.9002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

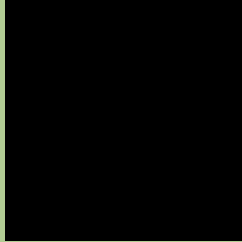
Any Text WCAG AA ✓ Pass

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 189.4290, -20.9175, -10.9002 Background



This preview shows how black text looks on a background with the YUV color 189.4290, -20.9175, -10.9002.



This preview shows how white text looks on a background with the YUV color 189.4290, -20.9175, -10.9002.

-10.9002.

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

189.4290, -20.9175, -10.9002

Protanopia

193.2580, -24.7772, 13.8057

Deuteranopia

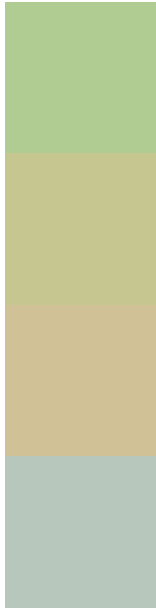
195.1550, -21.7684, 28.8051



Tritanopia

194.7200, 8.0260, -7.6474

Trichromacy



Original Color

189.4290, -20.9175, -10.9002

Protanomaly

191.5450, -23.4397, 4.7840

Deuteranomaly

192.8820, -21.1408, 14.1355

Tritanomaly

192.9620, -2.4463, -8.7367

Monochromacy



Original Color

189.4290, -20.9175, -10.9002

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.0290, -7.4093, -3.5334

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4290, -20.9175, -10.9002 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(177, 204, 147)` looks like.

```
.text, #text, p{  
    color:rgb(177, 204, 147)  
}
```

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(177, 204, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 204, 147) }
```

Border

The CSS property to change the border of an element to YUV 189.4290, -20.9175, -10.9002 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(177, 204, 147) }
```


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

```
.border{ border-color:rgb(177, 204, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 204, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 204, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 204, 147);  
box-shadow:4px 4px 4px 4px rgb(177, 204,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 189.4290, -20.9175, -10.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 204, 147) }
```

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

```
.background{ background-color: rgb(177,  
204, 147) }
```

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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