

Converting Colors

YUV(188.9010, -16.7132,
-6.0522)

Have a look what the booklet for
YUV(188.9010, -16.7132, -6.0522)
contains.

YUV(188.9010, -16.7132, -6.0522)	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(188.9010, -16.7132,
-6.0522)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C79B
RGB	182, 199, 155
RGB Percent	71%, 78%, 61%
CMY	0.2863, 0.2196, 0.3922
CMYK	0.09, 0.00, 0.22, 0.22
HSL	83°, 28%, 69%
HSV	83°, 22%, 78%
XYZ	45.6312, 53.1585, 38.8659
YIQ	188.9010, 3.9920, -17.2880

Conversions

Conversions Part 2

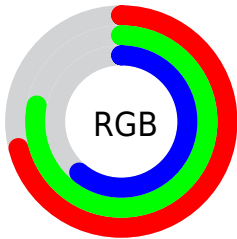
Format	Color
RYB	155, 199, 172
Decimal	11978651
CIELab	77.97, -13.53, 20.14
CIElCh	78, 24.261, 123.881
Yxy	53.1585, 0.3315, 0.3862
Android (android.graphics.Color)	4290168731 (0xFFB6C79B)
YUV	188.9010, -16.7132, -6.0522
Hunter-Lab	72.9099, -15.8766, 19.4313

Details

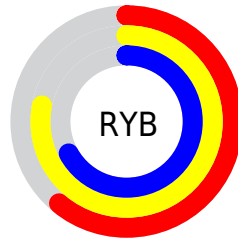
The YUV color **188.9010, -16.7132, -6.0522** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **165.0990, 16.7132, 6.0522**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.7870, -17.1500, -5.9522**, and **135.5420, -15.5502, -5.7373** is the 20% darker color. If you saturate the color by 10%, you get **184.2290, -24.2699, -8.9708**, and if you desaturate by 10%, it is **193.5730, -9.1565, -3.1335**.

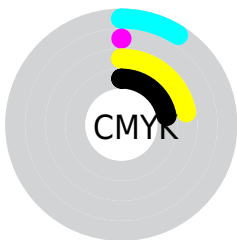
Distribution



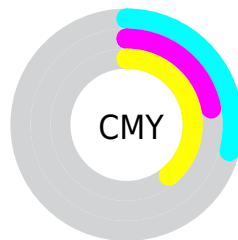
- Red (71%)
- Green (78%)
- Blue (61%)



- Red (61%)
- Yellow (78%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.9010, -16.7132, -6.0522 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 188.9010, -16.7132, -6.0522 by changing the saturation by 10% instead.

■ 188.9010,
-16.7132, -6.0522

■ 188.9010,
-16.7132, -6.0522

255.0000, 0.0000,
0.0000

■ 162.0150,
-16.2764, -6.1522

■ 244.7870,
-17.1500, -5.9522

■ 135.5420,
-15.5502, -5.7373

■ 253.0620, -7.4256,
1.6996

■ 109.6560,
-15.1134, -5.8373

■ 85.7700, -14.6766,
-5.9373

■ 62.2970, -13.9504,
-5.5225

■ 39.5250, -13.0768,
-5.7224

■ 19.4260, -9.5770,

-8.2666

■ 0.0000, 0.0000,
0.0000

■ 188.9010,
-16.7132, -6.0522

■ 188.9010,
-16.7132, -6.0522

■ 184.2290,
-24.2699, -8.9708

■ 193.5730, -9.1565,
-3.1335

■ 179.8560,
-31.9740, -11.2747

■ 197.9460, -1.4524,
-0.8296

■ 175.1840,
-39.5307, -14.1934

■ 202.6180, 6.1043,
2.0890

■ 170.5120,
-47.0874, -17.1120

■ 207.2900, 13.6610,
5.0077

■ 166.1390,
-54.7915, -19.4159

■ 211.6630, 21.3651,
7.3115

■ 161.5810,
-61.9114, -22.4345

■ 214.0550, 20.1859,
12.2298

■ 156.9090,
-69.4681, -25.3532

■ 216.4470, 19.0066,
17.1480

■ 153.2910,
-75.5725, -27.4422

■ 218.8390, 17.8274,
22.0662

■ 220.9320, 16.7955,
26.3696

Harmonies

Analogous

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



191.4690, -21.4302, 13.6207



188.9010, -16.7132, -6.0522



186.0000, -6.9020, -26.3100

Triad

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



188.9010, -16.7132, -6.0522



186.6050, 22.3797, -38.2416



196.8350, -2.8767, 36.1017

Complementary

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



188.9010, -16.7132, -6.0522



165.0990, 16.7132, 6.0522

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.



196.6300, 8.0704, 24.8805



188.9010, -16.7132, -6.0522



191.7260, 22.3201, -19.0537

Square

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



188.9010, -16.7132, -6.0522



183.6440, 16.4445, -47.9228



195.2020, 17.1554, 4.2078



195.5010, -13.0650, 37.2716

Rectangle

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



188.9010, -16.7132, -6.0522



184.1110, 1.4243, -36.9313



195.2020, 17.1554, 4.2078



196.7360, 0.6232, 33.5575

Sweetspot

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



188.9010, -16.7132, -6.0522



250.8550, -6.8305, -2.5038



178.1350, -11.4056, 18.2986



125.5500, -4.2151, -1.3593



0.0000, 0.0000, 0.0000



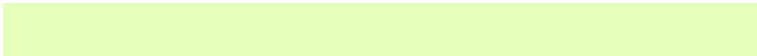
128.0000, 0.0000, 0.0000

Same Dimension

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



188.9010, -16.7132, -6.0522



239.0610, -26.1591, -9.7005



182.3230, -13.4702, -19.5773



97.0770, -3.4890, -0.9445



125.5810, -61.9114, -22.4345



27.7100, -13.6610, -5.0077

Inverse Universe

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



165.0990, 16.7132, 6.0522



201.9390, 26.1591, 9.7005



171.6770, 13.4702, 19.5773



91.9230, 3.4890, 0.9445



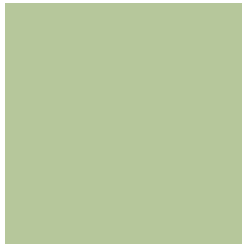
37.4190, 61.9114, 22.4345



8.2900, 13.6610, 5.0077

Previews

White Background



This preview shows how the YUV color 188.9010, -16.7132, -6.0522 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 188.9010, -16.7132, -6.0522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

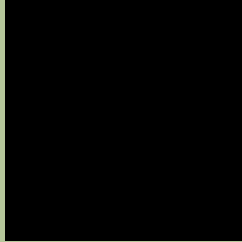
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.9010, -16.7132, -6.0522

Background



This preview shows how black text looks on a background with the YUV color 188.9010, -16.7132, -6.0522.



This preview shows how white text looks on a background with the YUV color 188.9010, -16.7132, -6.0522.

-6.0522.

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

188.9010, -16.7132, -6.0522

Protanopia

191.3270, -19.3882, 11.9912

Deuteranopia

193.2840, -17.3950, 26.0609



Tritanopia

193.1120, 6.8468, -2.7292

Trichromacy



Original Color

188.9010, -16.7132, -6.0522

Protanomaly

190.8100, -18.6403, 5.4286

Deuteranomaly

191.6200, -17.0677, 14.3653

Tritanomaly

191.8100, -1.8783, -4.2184

Monochromacy



Original Color

188.9010, -16.7132, -6.0522

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.0830, -5.9569, -2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.9010, -16.7132, -6.0522 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(182, 199, 155)` looks like.

```
.text, #text, p{  
    color:rgb(182, 199, 155)  
}
```

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(182, 199, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 199, 155) }
```

Border

The CSS property to change the border of an element to YUV 188.9010, -16.7132, -6.0522 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(182, 199, 155) }
```


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

```
.border{ border-color:rgb(182, 199, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 199, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 199, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 199, 155);  
box-shadow:4px 4px 4px 4px rgb(182, 199,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 188.9010, -16.7132, -6.0522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 199, 155) }
```

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

```
.background{ background-color: rgb(182,  
199, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor