

Converting Colors

YUV(188.5700, -4.7180,
-26.8099)

Have a look what the booklet for
YUV(188.5700, -4.7180, -26.8099)
contains.

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Color

**YUV(188.5700, -4.7180,
-26.8099)**

Conversions

Conversions Part 1

Format	Color
Hex	9ECEB3
RGB	158, 206, 179
RGB Percent	62%, 81%, 70%
CMY	0.3804, 0.1922, 0.2980
CMYK	0.23, 0.00, 0.13, 0.19
HSL	146°, 33%, 71%
HSV	146°, 23%, 81%
XYZ	44.3085, 54.6664, 50.8642
YIQ	188.5700, -19.9410, -18.5730

Conversions

Conversions Part 2

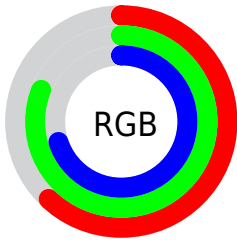
Format	Color
RYB	158, 191, 206
Decimal	10407603
CIELab	78.85, -21.14, 8.35
CIELCh	79, 22.728, 158.450
Yxy	54.6664, 0.2957, 0.3648
Android (android.graphics.Color)	4288597683 (0xFF9ECEB3)
YUV	188.5700, -4.7180, -26.8099
Hunter-Lab	73.9367, -22.4184, 10.9676

Details

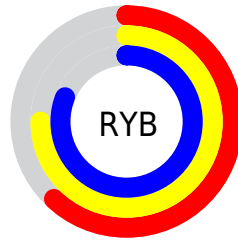
The YUV color **188.5700, -4.7180, -26.8099** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **175.4300, 4.7180, 26.8099**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1620, -2.5449, -23.8211**, and **135.2820, -4.5760, -25.6803** is the 20% darker color. If you saturate the color by 10%, you get **180.9230, -6.8640, -38.5205**, and if you desaturate by 10%, it is **196.2170, -2.5720, -15.0993**.

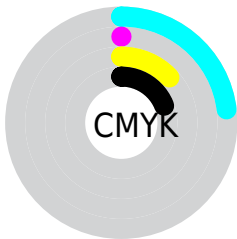
Distribution



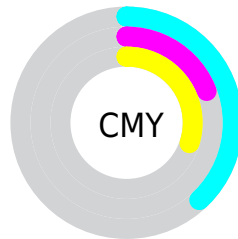
- Red (62%)
- Green (81%)
- Blue (70%)



- Red (62%)
- Yellow (75%)
- Blue (81%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (38%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.5700, -4.7180, -26.8099 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 188.5700, -4.7180, -26.8099 by changing the saturation by 10% instead.

■ 188.5700, -4.7180,
-26.8099

■ 188.5700, -4.7180,
-26.8099

255.0000, 0.0000,
0.0000

■ 160.9830, -4.4286,
-26.2951

■ 240.1620, -2.5449,
-23.8211

■ 135.2820, -4.5760,
-25.6803

■ 251.1130, 1.9163,
-7.9921

■ 109.6950, -4.2866,
-25.1655

■ 84.2220, -3.5604,
-24.7507

■ 60.4500, -2.6868,
-24.9506

■ 36.6670, -1.8078,
-26.8950

■ 20.0380, -4.4557,

-17.5733

0.0000, 0.0000,
0.0000

188.5700, -4.7180,
-26.8099

188.5700, -4.7180,
-26.8099

180.9230, -6.8640,
-38.5205

196.2170, -2.5720,
-15.0993

173.6890, -8.7207,
-49.7163

203.4510, -0.7153,
-3.9035

166.0420,
-10.8667, -61.4268

211.0980, 1.4307,
7.8071

158.8080,
-12.7233, -72.6226

218.3320, 3.2873,
19.0028

151.1610,
-14.8694, -84.3332

224.1850, 6.3178,
27.0248

■ 143.5140,
-17.0154, -96.0438

■ 225.5530, 11.5594,
25.8250

■ 136.2800,
-18.8720, -107.2396

■ 226.2370, 14.1802,
25.2252

■ 131.1820,
-20.3027, -115.0466

Harmonies

Analogous

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



191.1610, -14.3764, -8.9112



188.5700, -4.7180, -26.8099



186.5820, 7.1081, -39.9754

Triad

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



188.5700, -4.7180, -26.8099



195.0040, 20.7040, -14.0355



197.6640, -13.6384, 34.4977

Complementary

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



188.5700, -4.7180, -26.8099



175.4300, 4.7180, 26.8099

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.



198.4820, -4.1816, 34.6573



188.5700, -4.7180, -26.8099



197.9420, 14.8186, 7.0669

Square

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



188.5700, -4.7180, -26.8099



190.6980, 21.3479, -33.9381



199.0600, 5.8864, 25.3804



196.0020, -19.7210, 25.4312

Rectangle

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



188.5700, -4.7180, -26.8099



186.8680, 13.3761, -43.7342



199.0600, 5.8864, 25.3804



197.7720, -10.7336, 36.1570

Sweetspot

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



188.5700, -4.7180, -26.8099



248.4780, -1.7147, -10.0662



194.2490, -17.8708, -8.1114



124.0270, -0.9993, -6.1627



0.0000, 0.0000, 0.0000



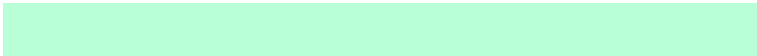
128.0000, 0.0000, 0.0000

Same Dimension

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



188.5700, -4.7180, -26.8099



229.2110, -7.0060, -39.6500



191.3060, 5.7651, -29.2094



98.3260, -1.1467, -5.5479



105.7640, -16.1527, -92.7550



24.2440, -3.5713, -21.2620

Inverse Universe

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



175.4300, 4.7180, 26.8099



209.7890, 7.0060, 39.6500



172.6940, -5.7651, 29.2094



95.6740, 1.1467, 5.5479



60.2360, 16.1527, 92.7550



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 188.5700, -4.7180, -26.8099 looks on a white background.

Color Contrast Check

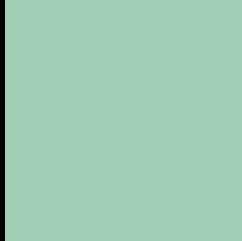
Large Text (above 18pt) WCAG AA × Fail

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 188.5700, -4.7180, -26.8099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

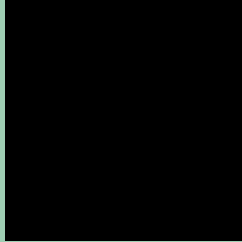
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.5700, -4.7180, -26.8099

Background



This preview shows how black text looks on a background with the YUV color 188.5700, -4.7180, -26.8099.



This preview shows how white text looks on a background with the YUV color 188.5700, -4.7180,

-26.8099.

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

188.5700, -4.7180, -26.8099

Protanopia

194.2970, -10.4994, 7.6325

Deuteranopia

196.4000, -6.6062, 18.9432



Tritanopia

192.0600, 12.2954, -23.7316

Trichromacy



Original Color

188.5700, -4.7180, -26.8099

Protanomaly

192.0890, -8.4249, -4.4631

Deuteranomaly

193.8170, -5.8258, 1.9145

Tritanomaly

190.7410, 6.0437, -25.2059

Monochromacy



Original Color

188.5700, -4.7180, -26.8099

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.7770, -1.8621, -9.4514

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.5700, -4.7180, -26.8099 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(158, 206, 179)` looks like.

```
.text, #text, p{  
    color:rgb(158, 206, 179)  
}
```

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(158, 206, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 206, 179) }
```

Border

The CSS property to change the border of an element to YUV 188.5700, -4.7180, -26.8099 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(158, 206, 179) }
```


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

```
.border{ border-color:rgb(158, 206, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 206, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 206, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 206, 179);  
box-shadow:4px 4px 4px 4px rgb(158, 206,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 188.5700, -4.7180, -26.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 206, 179) }
```

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

```
.background{ background-color: rgb(158,  
206, 179) }
```

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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