

Converting Colors

YUV(179.7400, -26.0008,
-13.8040)

Have a look what the booklet for
YUV(179.7400, -26.0008, -13.8040)
contains.

YUV(179.7400, -26.0008, -13.8040)	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(179.7400, -26.0008,
-13.8040)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C67F
RGB	164, 198, 127
RGB Percent	64%, 78%, 50%
CMY	0.3569, 0.2235, 0.5020
CMYK	0.17, 0.00, 0.36, 0.22
HSL	89°, 38%, 64%
HSV	89°, 36%, 78%
XYZ	39.3347, 49.8130, 27.6204
YIQ	179.7400, 2.5270, -29.2890

Conversions

Conversions Part 2

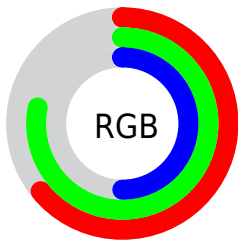
Format	Color
RYB	127, 198, 161
Decimal	10798719
CIELab	75.95, -23.75, 31.94
CIELCh	76, 39.799, 126.636
Yxy	49.8130, 0.3369, 0.4266
Android (android.graphics.Color)	4288988799 (0xFFA4C67F)
YUV	179.7400, -26.0008, -13.8040
Hunter-Lab	70.5783, -24.0305, 26.2020

Details

The YUV color **179.7400, -26.0008, -13.8040** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **145.2600, 26.0008, 13.8040**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9850, -27.6006, -14.0188**, and **126.4950, -24.4010, -13.5891** is the 20% darker color. If you saturate the color by 10%, you get **174.7690, -33.4101, -17.3374**, and if you desaturate by 10%, it is **184.7110, -18.5915, -10.2705**.

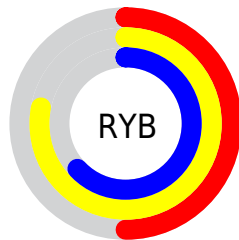
Distribution



Red (64%)

Green (78%)

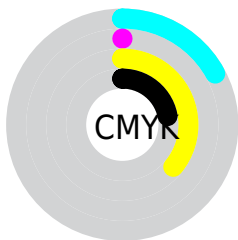
Blue (50%)



Red (50%)

Yellow (78%)

Blue (63%)

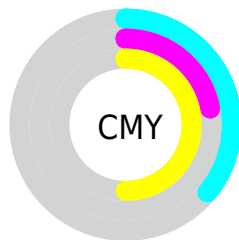


Cyan (17%)

Magenta (0%)

Yellow (36%)

Black (22%)



Cyan (36%)

Magenta (22%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.7400, -26.0008, -13.8040 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 179.7400, -26.0008, -13.8040 by changing the saturation by 10% instead.

■ 179.7400,
-26.0008, -13.8040

■ 179.7400,
-26.0008, -13.8040

255.0000, 0.0000,
0.0000

■ 152.8540,
-25.5640, -13.9040

■ 235.9850,
-27.6006, -14.0188

■ 126.4950,
-24.4010, -13.5891

■ 247.8480,
-19.6451, 1.0103

■ 101.0220,
-23.6748, -13.1743

■ 252.9480, -7.8624,
1.7996

■ 76.1360, -23.2380,
-13.2743

■ 52.7230, -23.5274,
-13.7891

■ 31.7750, -15.6651,
-15.5887

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 179.7400,
-26.0008, -13.8040

■ 179.7400,
-26.0008, -13.8040

■ 174.7690,
-33.4101, -17.3374

■ 184.7110,
-18.5915, -10.2705

■ 169.4990,
-40.6720, -21.4856

■ 189.9810,
-11.3296, -6.1223

■ 164.6420,
-47.6445, -25.1190

■ 194.8380, -4.3571,
-2.4889

■ 159.3720,
-54.9064, -29.2672

■ 200.1080, 2.9048,
1.6593

■ 154.4010,
-62.3157, -32.8007

■ 205.0790, 10.3141,
5.1927

■ 149.1310,
-69.5776, -36.9489

■ 210.3490, 17.5759,
9.3409

■ 147.0230,
-72.4823, -38.6082

■ 214.0660, 20.1805,
13.9741

■ 217.0560, 18.7064,
20.1219

■ 219.7470, 17.3797,
25.6549

Harmonies

Analogous

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



184.2340, -35.1184, 17.3348



179.7400, -26.0008, -13.8040



173.8140, -8.2893, -48.0719

Triad

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



179.7400, -26.0008, -13.8040



170.8850, 40.9757, -76.1981



190.0980, -4.9783, 56.9191

Complementary

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



179.7400, -26.0008, -13.8040



145.2600, 26.0008, 13.8040

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.



192.1790, 12.2368, 41.9390



179.7400, -26.0008, -13.8040



183.6780, 35.1617, -31.2896

Square

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



179.7400, -26.0008, -13.8040



156.7210, 36.1265, -107.6263



191.1670, 27.0327, 9.5005



189.0430, -21.7132, 57.8443

Rectangle

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



179.7400, -26.0008, -13.8040



167.9710, 6.9163, -71.8886



191.1670, 27.0327, 9.5005



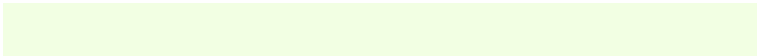
191.2810, 0.8475, 55.0046

Sweetspot

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



179.7400, -26.0008, -13.8040



247.9210, -10.3141, -5.1927



167.6000, -20.0158, 26.6608



123.6700, -6.2463, -3.2186



0.0000, 0.0000, 0.0000



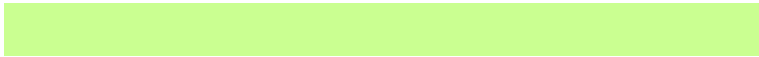
128.0000, 0.0000, 0.0000

Same Dimension

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



179.7400, -26.0008, -13.8040



226.6130, -40.2352, -21.5856



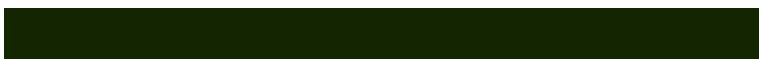
169.2750, -20.8416, -35.3212



96.7780, -3.3416, -1.5593



121.0960, -59.7003, -31.6562



26.8130, -13.2188, -6.8520

Inverse Universe

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



145.2600, 26.0008, 13.8040



173.3870, 40.2352, 21.5856



155.7250, 20.8416, 35.3212



92.2220, 3.3416, 1.5593



41.9040, 59.7003, 31.6562



9.1870, 13.2188, 6.8520

Previews

White Background



This preview shows how the YUV color 179.7400, -26.0008, -13.8040 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 179.7400, -26.0008, -13.8040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

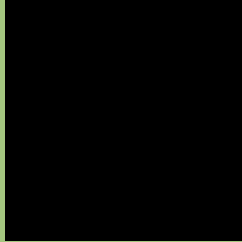
Any Text WCAG AA ✓ Pass

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 179.7400, -26.0008, -13.8040 Background



This preview shows how black text looks on a background with the YUV color 179.7400, -26.0008, -13.8040.



This preview shows how white text looks on a background with the YUV color 179.7400, -26.0008, -13.8040.

-13.8040.

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

179.7400, -26.0008, -13.8040

Protanopia

184.3740, -30.7504, 16.3350

Deuteranopia

186.3850, -27.3048, 31.2344



Tritanopia

186.5240, 8.6157, -10.1065

Trichromacy



Original Color

179.7400, -26.0008, -13.8040

Protanomaly

182.7640, -28.9707, 5.4690

Deuteranomaly

184.1010, -26.6718, 14.8204

Tritanomaly

183.8970, -3.8932, -11.3107

Monochromacy



Original Color

179.7400, -26.0008, -13.8040

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.1490, -9.4405, -5.3927

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.7400, -26.0008, -13.8040 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(164, 198, 127)` looks like.

```
.text, #text, p{  
    color:rgb(164, 198, 127)  
}
```

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(164, 198, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 198, 127) }
```

Border

The CSS property to change the border of an element to YUV 179.7400, -26.0008, -13.8040 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(164, 198, 127) }
```


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

```
.border{ border-color:rgb(164, 198, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 198, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 198, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 198, 127);  
box-shadow:4px 4px 4px 4px rgb(164, 198,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 179.7400, -26.0008, -13.8040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 198, 127) }
```

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

```
.background{ background-color: rgb(164,  
198, 127) }
```

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