

Converting Colors

YUV(199.1400, -26.1980,
-43.9728)

Have a look what the booklet for
YUV(199.1400, -26.1980, -43.9728)
contains.

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Color

**YUV(199.1400, -26.1980,
-43.9728)**

Conversions

Conversions Part 1

Format	Color
Hex	95EB92
RGB	149, 235, 146
RGB Percent	58%, 92%, 57%
CMY	0.4157, 0.0784, 0.4275
CMYK	0.37, 0.00, 0.38, 0.08
HSL	118°, 69%, 75%
HSV	118°, 38%, 92%
XYZ	47.2911, 67.8815, 37.8041
YIQ	199.1400, -22.6870, -45.9110

Conversions

Conversions Part 2

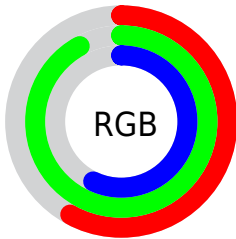
Format	Color
RYB	146, 235, 232
Decimal	9825170
CIELab	85.95, -43.23, 35.20
CIElCh	86, 55.746, 140.841
Yxy	67.8815, 0.3091, 0.4437
Android (android.graphics.Color)	4288015250 (0xFF95EB92)
YUV	199.1400, -26.1980, -43.9728
Hunter-Lab	82.3903, -41.7260, 30.4685

Details

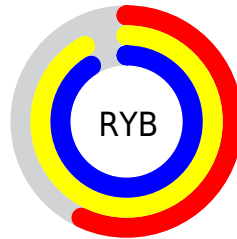
The YUV color **199.1400, -26.1980, -43.9728** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **181.8600, 26.1980, 43.9728**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.1930, -16.3641, -24.7253**, and **143.8950, -24.5982, -43.7579** is the 20% darker color. If you saturate the color by 10%, you get **189.5270, -33.2908, -55.7132**, and if you desaturate by 10%, it is **208.7530, -19.1052, -32.2324**.

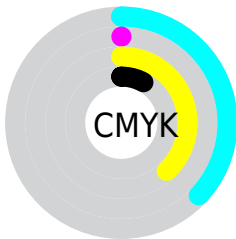
Distribution



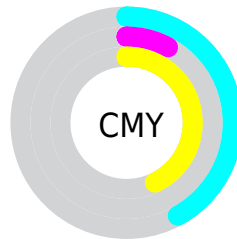
- Red (58%)
- Green (92%)
- Blue (57%)



- Red (57%)
- Yellow (92%)
- Blue (91%)



- Cyan (37%)
- Magenta (0%)
- Yellow (38%)
- Black (8%)



- Cyan (42%)
- Magenta (8%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.1400, -26.1980, -43.9728 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 199.1400, -26.1980, -43.9728 by changing the saturation by 10% instead.

■ 199.1400,
-26.1980, -43.9728

■ 199.1400,
-26.1980, -43.9728

255.0000, 0.0000,
0.0000

■ 170.7810,
-25.0350, -43.6579

■ 234.1930,
-16.3641, -24.7253

■ 143.8950,
-24.5982, -43.7579

■ 246.0560, -8.4086,
-9.6961

■ 116.2370,
-23.2878, -44.0578

■ 88.9700, -21.6772,
-47.3317

■ 60.5070, -19.4770,
-53.0646

■ 44.0250, -21.7043,
-38.6099

■ 29.9370, -14.7589,

-26.2547

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 199.1400,
-26.1980, -43.9728

■ 199.1400,
-26.1980, -43.9728

■ 189.5270,
-33.2908, -55.7132

■ 208.7530,
-19.1052, -32.2324

■ 180.3270,
-40.0942, -66.9388

■ 217.9530,
-12.3018, -21.0068

■ 170.7140,
-47.1870, -78.6792

■ 227.4520, -5.6458,
-9.1664

■ 161.2150,
-53.8430, -90.5196

■ 237.0650, 1.4470,
2.5740

■ 151.7160,
-60.4990, -102.3599

■ 243.2600, 5.7878,
10.2960

■ 142.4020,
-67.7392, -113.4856

■ 140.3370,
-69.1861, -116.0595

Harmonies

Analogous

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



206.8720, -46.2789, 3.6203



199.1400, -26.1980, -43.9728



180.8540, 7.4670, -108.6200

Triad

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



199.1400, -26.1980, -43.9728



186.2610, 33.8883, -89.6829



198.3160, -9.0298, 49.7119

Complementary

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



199.1400, -26.1980, -43.9728



181.8600, 26.1980, 43.9728

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.



204.3580, 14.1205, 44.4130



199.1400, -26.1980, -43.9728



208.5850, 22.8826, -12.7910

Square

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



199.1400, -26.1980, -43.9728



168.1890, 42.7978, -147.5018



215.0840, 19.6786, 35.0063



201.4040, -32.7372, 47.0037

Rectangle

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



199.1400, -26.1980, -43.9728



168.6160, 31.7413, -147.8762



215.0840, 19.6786, 35.0063



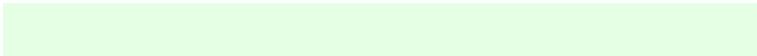
199.1940, -0.5886, 48.9419

Sweetspot

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



199.1400, -26.1980, -43.9728



243.7350, -8.2504, -13.7996



222.5060, -37.7175, 10.9572



120.9790, -4.9196, -8.7516



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.



199.1400, -26.1980, -43.9728



208.7010, -33.8696, -56.7428



202.8030, -8.2839, -49.8162



112.4570, -3.1833, -5.6628



108.0410, -53.2642, -89.4900



32.2960, -15.9219, -26.5696

Inverse Universe

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



181.8600, 26.1980, 43.9728



186.2990, 33.8696, 56.7428



178.1970, 8.2839, 49.8162



110.5430, 3.1833, 5.6628



72.9590, 53.2642, 89.4900



21.7040, 15.9219, 26.5696

Previews

White Background



This preview shows how the YUV color 199.1400, -26.1980, -43.9728 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 199.1400, -26.1980, -43.9728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

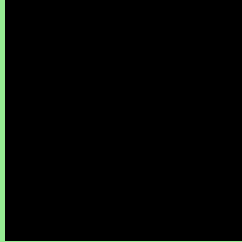
Any Text WCAG AA ✓ Pass

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 199.1400, -26.1980, -43.9728 Background



This preview shows how black text looks on a background with the YUV color 199.1400, -26.1980, -43.9728.



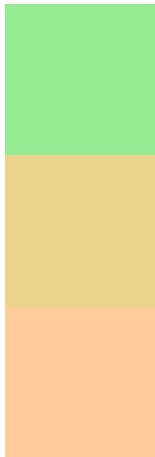
This preview shows how white text looks on a background with the YUV color 199.1400, -26.1980, -43.9728.

-43.9728.

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

199.1400, -26.1980, -43.9728

Protanopia

211.0170, -35.9974, 19.2791

Deuteranopia

213.7230, -29.9364, 35.3229



Tritanopia

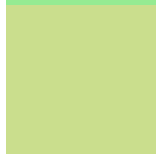
208.3080, 16.1172, -36.2271

Trichromacy



Original Color

199.1400, -26.1980, -43.9728



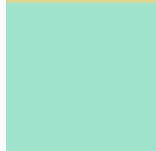
Protanomaly

206.7860, -32.4325, -4.1973



Deuteranomaly

208.4760, -28.8287, 6.5985



Tritanomaly

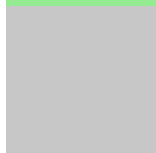
204.5730, 0.7035, -39.0905

Monochromacy



Original Color

199.1400, -26.1980, -43.9728



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

199.0830, -9.4079, -15.8588

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1400, -26.1980, -43.9728 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(149, 235, 146)` looks like.

```
.text, #text, p{  
    color:rgb(149, 235, 146)  
}
```

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(149, 235, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 235, 146) }
```

Border

The CSS property to change the border of an element to YUV 199.1400, -26.1980, -43.9728 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(149, 235, 146) }
```


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

```
.border{ border-color:rgb(149, 235, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 235, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 235, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 235, 146);  
box-shadow:4px 4px 4px 4px rgb(149, 235,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 199.1400, -26.1980, -43.9728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 235, 146) }
```

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

```
.background{ background-color: rgb(149,  
235, 146) }
```

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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