

Converting Colors

YUV(199.9290, -29.5450,
-43.7877)

Have a look what the booklet for
YUV(199.9290, -29.5450, -43.7877)
contains.

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Color

**YUV(199.9290, -29.5450,
-43.7877)**

Conversions

Conversions Part 1

Format	Color
Hex	96ED8C
RGB	150, 237, 140
RGB Percent	59%, 93%, 55%
CMY	0.4118, 0.0706, 0.4510
CMYK	0.37, 0.00, 0.41, 0.07
HSL	114°, 73%, 74%
HSV	114°, 41%, 93%
XYZ	47.5955, 68.9459, 35.6103
YIQ	199.9290, -20.7150, -48.6110

Conversions

Conversions Part 2

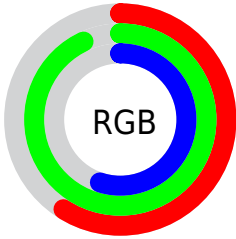
Format	Color
RYB	140, 237, 227
Decimal	9891212
CIELab	86.48, -44.66, 38.89
CIELCh	86, 59.220, 138.952
Yxy	68.9459, 0.3128, 0.4531
Android (android.graphics.Color)	4288081292 (0xFF96ED8C)
YUV	199.9290, -29.5450, -43.7877
Hunter-Lab	83.0336, -42.9914, 32.6961

Details

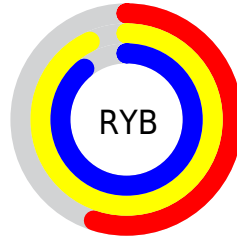
The YUV color **199.9290, -29.5450, -43.7877** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **177.0710, 29.5450, 43.7877**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8080, -19.1323, -23.5106**, and **143.7980, -27.5084, -43.6728** is the 20% darker color. If you saturate the color by 10%, you get **190.9140, -36.9326, -54.2986**, and if you desaturate by 10%, it is **208.9440, -22.1574, -33.2769**.

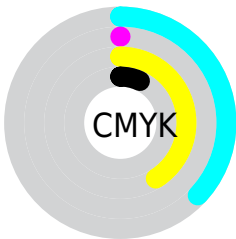
Distribution



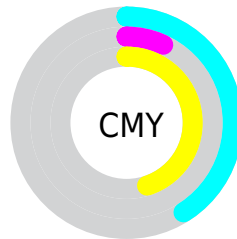
- Red (59%)
- Green (93%)
- Blue (55%)



- Red (55%)
- Yellow (93%)
- Blue (89%)



- Cyan (37%)
- Magenta (0%)
- Yellow (41%)
- Black (7%)



- Cyan (41%)
- Magenta (7%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.9290, -29.5450, -43.7877 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 199.9290, -29.5450, -43.7877 by changing the saturation by 10% instead.

■ 199.9290,
-29.5450, -43.7877

■ 199.9290,
-29.5450, -43.7877

255.0000, 0.0000,
0.0000

■ 171.5700,
-28.3820, -43.4729

■ 233.8080,
-19.1323, -23.5106

■ 143.7980,
-27.5084, -43.6728

■ 245.6710,
-11.1768, -8.4815

■ 116.7270,
-26.4874, -44.4876

■ 254.6580, -1.3104,
0.2999

■ 89.4600, -24.8768,
-47.7614

■ 60.5410, -24.4237,
-53.0945

■ 44.6120, -21.9937,
-39.1247

■ 30.5240, -15.0483,

-26.7695

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 199.9290,
-29.5450, -43.7877

■ 199.9290,
-29.5450, -43.7877

■ 190.9140,
-36.9326, -54.2986

■ 208.9440,
-22.1574, -33.2769

■ 181.7140,
-43.7360, -65.5242

■ 218.1440,
-15.3540, -22.0513

■ 172.6990,
-51.1236, -76.0350

■ 227.1590, -7.9664,
-11.5404

■ 163.6840,
-58.5112, -86.5459

■ 236.1740, -0.5788,
-1.0296

■ 154.7830,
-65.4620, -97.1567

■ 244.4340, 5.2090,
9.2664

■ 146.2950,
-72.1234, -107.2527

Harmonies

Analogous

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



207.8570, -50.2155, 6.2644



199.9290, -29.5450, -43.7877



178.0870, 7.3521, -118.4713

Triad

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



199.9290, -29.5450, -43.7877



176.3610, 38.7690, -115.2036



197.4840, -7.1406, 50.4415

Complementary

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



199.9290, -29.5450, -43.7877



177.0710, 29.5450, 43.7877

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.



204.5690, 17.4675, 44.2280



199.9290, -29.5450, -43.7877



208.2530, 23.0463, -18.6389

Square

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



199.9290, -29.5450, -43.7877



169.9500, 41.9297, -149.0461



215.6710, 19.3892, 34.4915



200.7030, -32.8846, 47.6185

Rectangle

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



199.9290, -29.5450, -43.7877



170.2630, 30.4363, -149.3207



215.6710, 19.3892, 34.4915



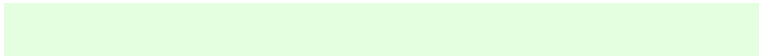
198.4760, 1.7373, 49.5715

Sweetspot

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



199.9290, -29.5450, -43.7877



243.3930, -9.5607, -13.4997



219.4850, -39.1861, 15.3607



120.8650, -5.3564, -8.6516



0.0000, 0.0000, 0.0000



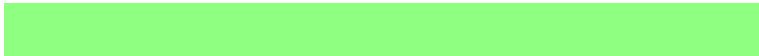
128.0000, 0.0000, 0.0000

Same Dimension

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



199.9290, -29.5450, -43.7877



207.2620, -38.0902, -56.3578



201.1570, -11.9094, -53.6347



112.7560, -3.3307, -5.0480



111.9280, -55.1805, -81.4979



33.4920, -16.5116, -24.1105

Inverse Universe

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



177.0710, 29.5450, 43.7877



177.7380, 38.0902, 56.3578



175.8430, 11.9094, 53.6347



110.2440, 3.3307, 5.0480



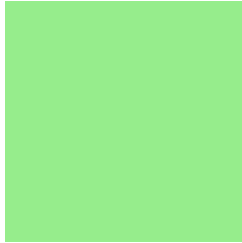
69.0720, 55.1805, 81.4979



20.5080, 16.5116, 24.1105

Previews

White Background



This preview shows how the YUV color 199.9290, -29.5450, -43.7877 looks on a white background.

Color Contrast Check

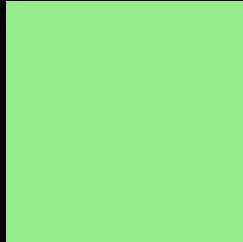
Large Text (above 18pt) WCAG AA × Fail

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 199.9290, -29.5450, -43.7877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

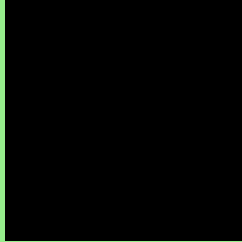
Any Text WCAG AA ✓ Pass

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 199.9290, -29.5450, -43.7877 Background



This preview shows how black text looks on a background with the YUV color 199.9290, -29.5450, -43.7877.



This preview shows how white text looks on a background with the YUV color 199.9290, -29.5450, -43.7877.

-43.7877.

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

199.9290, -29.5450, -43.7877

Protanopia

211.5180, -39.2024, 20.5937

Deuteranopia

215.0820, -31.0994, 35.0081



Tritanopia

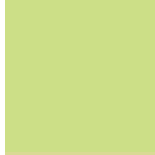
210.3080, 16.1172, -36.2271

Trichromacy



Original Color

199.9290, -29.5450, -43.7877



Protanomaly

207.2870, -35.6375, -2.8827



Deuteranomaly

209.7210, -30.4285, 6.3837



Tritanomaly

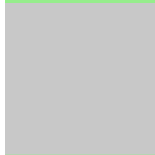
206.3450, -0.1701, -38.8906

Monochromacy



Original Color

199.9290, -29.5450, -43.7877



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.7410, -10.7183, -15.5589

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.9290, -29.5450, -43.7877 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(150, 237, 140)` looks like.

```
.text, #text, p{  
    color:rgb(150, 237, 140)  
}
```

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(150, 237, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 237, 140) }
```

Border

The CSS property to change the border of an element to YUV 199.9290, -29.5450, -43.7877 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(150, 237, 140) }
```


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

```
.border{ border-color:rgb(150, 237, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 237, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 237, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 237, 140);  
box-shadow:4px 4px 4px 4px rgb(150, 237,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 199.9290, -29.5450, -43.7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 237, 140) }
```

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

```
.background{ background-color: rgb(150,  
237, 140) }
```

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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