

Converting Colors

YUV(199.1290, -49.8566,
-62.3801)

Have a look what the booklet for
YUV(199.1290, -49.8566, -62.3801)
contains.

YUV(199.1290, -49.8566, -62.3801)	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(199.1290, -49.8566,
-62.3801)**

Conversions

Conversions Part 1

Format	Color
Hex	80FF62
RGB	128, 255, 98
RGB Percent	50%, 100%, 38%
CMY	0.4980, 0.0000, 0.6157
CMYK	0.50, 0.00, 0.62, 0.00
HSL	109°, 100%, 69%
HSV	109°, 62%, 100%
XYZ	46.8667, 76.9910, 23.9459
YIQ	199.1290, -25.2950, -75.7510

Conversions

Conversions Part 2

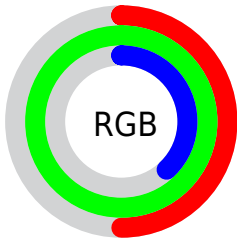
Format	Color
RYB	98, 255, 225
Decimal	8453986
CIELab	90.32, -63.25, 62.58
CIELCh	90, 88.980, 135.304
Yxy	76.9910, 0.3171, 0.5209
Android (android.graphics.Color)	4286644066 (0xFF80FF62)
YUV	199.1290, -49.8566, -62.3801
Hunter-Lab	87.7445, -58.2113, 45.2407

Details

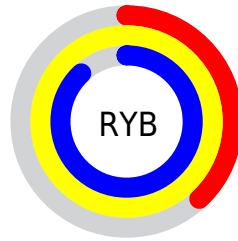
The YUV color **199.1290, -49.8566, -62.3801** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **153.8710, 49.8566, 62.3801**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7520, -34.3877, -30.4775**, and **138.6230, -49.1141, -67.1984** is the 20% darker color. If you saturate the color by 10%, you get **190.0000, -57.6810, -72.7910**, and if you desaturate by 10%, it is **208.2580, -42.0322, -51.9693**.

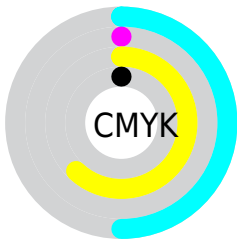
Distribution



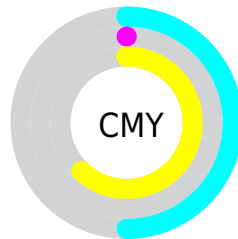
- Red (50%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (88%)



- Cyan (50%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.1290, -49.8566, -62.3801 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 199.1290, -49.8566, -62.3801 by changing the saturation by 10% instead.

199.1290,
-49.8566, -62.3801

199.1290,
-49.8566, -62.3801

255.0000, 0.0000,
0.0000

169.6450,
-49.1250, -63.7097

223.7520,
-34.3877, -30.4775

138.6230,
-49.1141, -67.1984

235.9140,
-26.5796, -14.8336

101.2960,
-49.9389, -82.6976

248.4890,
-18.4821, 1.3251

83.3540, -41.0935,
-73.1015

253.2900, -6.5520,
1.4997

67.5050, -33.2800,
-59.2019

52.2430, -25.7558,
-45.8171

37.5680, -18.5210,

-32.9471

■ 24.0670, -11.8650,
-21.1068

■ 1.1740, -0.5788,
-1.0296

■ 199.1290,
-49.8566, -62.3801

■ 199.1290,
-49.8566, -62.3801

■ 190.0000,
-57.6810, -72.7910

■ 208.2580,
-42.0322, -51.9693

■ 181.0560,
-66.0896, -82.4871

■ 217.2020,
-33.6236, -42.2732

■ 171.9270,
-73.9140, -92.8980

■ 226.4450,
-25.3624, -31.9623

■ 164.3360,
-81.0176, -101.1497

■ 235.5740,
-17.5380, -21.5514

■ 244.5180, -9.1294,
-11.8553

■ 253.6470, -1.3050,
-1.4444

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



210.3690, -90.4009, 15.4624



199.1290, -49.8566, -62.3801



170.3190, 5.2657, -149.3698

Triad

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



199.1290, -49.8566, -62.3801



175.2330, 39.3251, -153.6793



182.0910, 2.4201, 63.9412

Complementary

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



199.1290, -49.8566, -62.3801



153.8710, 49.8566, 62.3801

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.



193.3650, 30.3861, 54.0539



199.1290, -49.8566, -62.3801



200.3470, 26.9439, -55.5553

Square

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



199.1290, -49.8566, -62.3801



178.7550, 37.5888, -156.7681



213.9100, 20.2574, 36.0359



189.6350, -39.7531, 57.3251

Rectangle

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



199.1290, -49.8566, -62.3801



177.0450, 31.0368, -155.2685



213.9100, 20.2574, 36.0359



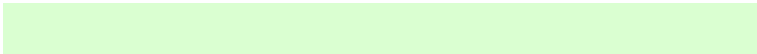
184.2230, 15.6661, 62.0714

Sweetspot

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



199.1290, -49.8566, -62.3801



238.6930, -14.6386, -18.1478



218.9050, -59.6062, 31.6553



117.8170, -9.2768, -11.2405



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.



199.1290, -49.8566, -62.3801



187.7070, -60.0016, -75.1650



195.5170, -24.9049, -85.5224



123.2290, -4.0569, -5.4628



123.1800, -60.7277, -75.5799



41.1560, -20.2899, -25.5698

Inverse Universe

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



153.8710, 49.8566, 62.3801



133.2930, 60.0016, 75.1650



157.4830, 24.9049, 85.5224



119.4720, 4.2043, 4.8481



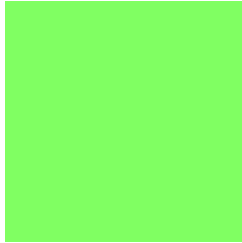
68.1190, 60.5803, 76.1946



22.8440, 20.2899, 25.5698

Previews

White Background



This preview shows how the YUV color 199.1290, -49.8566, -62.3801 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 199.1290, -49.8566, -62.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

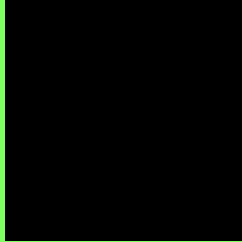
Any Text WCAG AA ✓ Pass

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 199.1290, -49.8566, -62.3801 Background



This preview shows how black text looks on a background with the YUV color 199.1290, -49.8566, -62.3801.



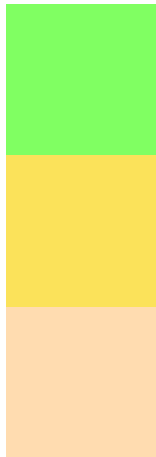
This preview shows how white text looks on a background with the YUV color 199.1290, -49.8566, -62.3801.

-62.3801.

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

199.1290, -49.8566, -62.3801

Protanopia

217.9710, -63.0897, 28.9664

Deuteranopia

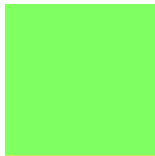
225.4490, -24.3784, 25.9162



Tritanopia

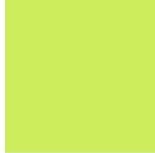
218.7090, 17.8915, -45.3488

Trichromacy



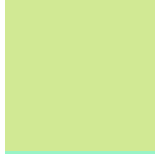
Original Color

199.1290, -49.8566, -62.3801



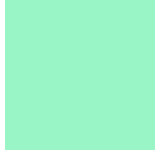
Protanomaly

211.3150, -58.3293, -4.6613



Deuteranomaly

216.1340, -33.5901, -6.2565



Tritanomaly

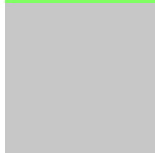
211.5470, -6.6787, -51.3457

Monochromacy



Original Color

199.1290, -49.8566, -62.3801



Achromatopsia

199.0000, 0.0000, 0.0000



Achromatomaly

198.7480, -18.1168, -22.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.1290, -49.8566, -62.3801 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(128, 255, 98)` looks like.

```
.text, #text, p{  
    color:rgb(128, 255, 98)  
}
```

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(128, 255, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 255, 98) }
```

Border

The CSS property to change the border of an element to YUV 199.1290, -49.8566, -62.3801 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(128, 255, 98) }
```


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

```
.border{ border-color:rgb(128, 255, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 255, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 255, 98); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 255, 98); box-shadow:4px 4px 4px 4px rgb(128, 255, 98) }
```

Background

The CSS property to change the background color of an element to YUV 199.1290, -49.8566, -62.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 255, 98) }
```

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

```
.background{ background-color: rgb(128,  
255, 98) }
```

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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