

Converting Colors

YUV(197.2470, -42.0268,
-53.7136)

Have a look what the booklet for
YUV(197.2470, -42.0268, -53.7136)
contains.

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Color

**YUV(197.2470, -42.0268,
-53.7136)**

Conversions

Conversions Part 1

Format	Color
Hex	88F570
RGB	136, 245, 112
RGB Percent	53%, 96%, 44%
CMY	0.4667, 0.0392, 0.5608
CMYK	0.44, 0.00, 0.54, 0.04
HSL	109°, 87%, 70%
HSV	109°, 54%, 96%
XYZ	45.7304, 71.7089, 26.7602
YIQ	197.2470, -22.2710, -64.4710

Conversions

Conversions Part 2

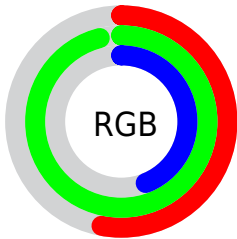
Format	Color
RYB	112, 245, 221
Decimal	8975728
CIELab	87.83, -55.74, 53.74
CIELCh	88, 77.425, 136.049
Yxy	71.7089, 0.3171, 0.4973
Android (android.graphics.Color)	4287165808 (0xFF88F570)
YUV	197.2470, -42.0268, -53.7136
Hunter-Lab	84.6811, -51.7965, 40.5405

Details

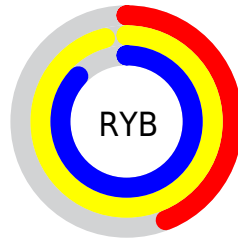
The YUV color **197.2470, -42.0268, -53.7136** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **159.7530, 42.0268, 53.7136**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.0280, -29.5938, -28.0886**, and **139.6920, -40.2742, -55.8579** is the 20% darker color. If you saturate the color by 10%, you get **188.4170, -49.9986, -63.5097**, and if you desaturate by 10%, it is **206.0770, -34.0550, -43.9175**.

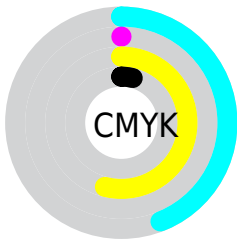
Distribution



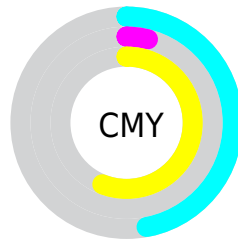
- Red (53%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (87%)



- Cyan (44%)
- Magenta (0%)
- Yellow (54%)
- Black (4%)



- Cyan (47%)
- Magenta (4%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.2470, -42.0268, -53.7136 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 197.2470, -42.0268, -53.7136 by changing the saturation by 10% instead.

■ 197.2470,
-42.0268, -53.7136

■ 197.2470,
-42.0268, -53.7136

255.0000, 0.0000,
0.0000

■ 168.4750,
-41.1532, -53.9136

■ 227.0280,
-29.5938, -28.0886

■ 139.6920,
-40.2742, -55.8579

■ 239.1900,
-21.7857, -12.4446

■ 109.4850,
-39.6791, -60.0613

■ 251.3520,
-13.9775, 3.1993

■ 78.0710, -38.4890,
-68.4683

254.7720, -0.8736,
0.2000

■ 62.8090, -30.9648,
-55.0835

■ 48.1340, -23.7301,
-42.2135

■ 33.4590, -16.4953,

-29.3435

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 197.2470,
-42.0268, -53.7136

■ 197.2470,
-42.0268, -53.7136

■ 188.4170,
-49.9986, -63.5097

■ 206.0770,
-34.0550, -43.9175

■ 179.7010,
-57.5336, -73.4058

■ 214.7930,
-26.5199, -34.0215

■ 170.8710,
-65.5054, -83.2019

■ 223.6230,
-18.5481, -24.2254

■ 162.1550,
-73.0404, -93.0979

■ 232.3390,
-11.0131, -14.3293

■ 156.9710,
-77.3867, -99.0756

■ 241.1690, -3.0413,
-4.5332

■ 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



207.7980, -70.8924, 11.5782



197.2470, -42.0268, -53.7136



169.8460, 5.9919, -148.9549

Triad

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



197.2470, -42.0268, -53.7136



168.7760, 42.5084, -148.0166



187.0320, -1.4948, 59.6079

Complementary

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



197.2470, -42.0268, -53.7136



159.7530, 42.0268, 53.7136

Split Complementary

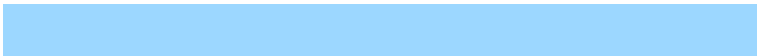
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



197.4740, 28.3603, 50.4503



197.2470, -42.0268, -53.7136



201.9190, 26.1689, -40.2710

Square

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



197.2470, -42.0268, -53.7136



176.4070, 38.7463, -154.7089



213.3230, 20.5468, 36.5507



192.3080, -37.1268, 54.9809

Rectangle

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



197.2470, -42.0268, -53.7136



176.2470, 27.9792, -154.5686



213.3230, 20.5468, 36.5507



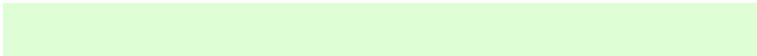
188.5940, 9.5672, 58.2381

Sweetspot

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



197.2470, -42.0268, -53.7136



240.4590, -13.0443, -16.1885



215.7500, -51.1487, 25.6522



119.1700, -7.9718, -9.7961



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.



197.2470, -42.0268, -53.7136



195.4120, -52.4611, -67.0133



194.8590, -20.1435, -72.6673



117.6420, -3.7675, -4.9480



119.3480, -58.8386, -74.8502



37.9220, -18.6955, -23.6106

Inverse Universe

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



159.7530, 42.0268, 53.7136



148.5880, 52.4611, 67.0133



162.1410, 20.1435, 72.6673



114.3580, 3.7675, 4.9480



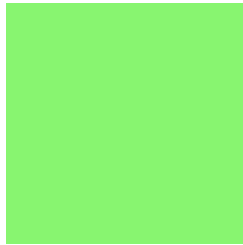
66.9510, 58.6912, 75.4650



21.0780, 18.6955, 23.6106

Previews

White Background



This preview shows how the YUV color 197.2470, -42.0268, -53.7136 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 197.2470, -42.0268, -53.7136 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

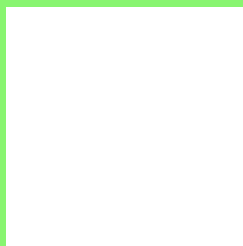
Any Text WCAG AAA ✓ Pass

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

YUV 197.2470, -42.0268, -53.7136 Background



This preview shows how black text looks on a background with the YUV color 197.2470, -42.0268, -53.7136.



This preview shows how white text looks on a background with the YUV color 197.2470, -42.0268, -53.7136.

-53.7136.

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

197.2470, -42.0268, -53.7136

Protanopia

212.7670, -53.6221, 25.6373

Deuteranopia

218.4730, -30.7992, 32.0342



Tritanopia

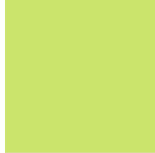
211.8340, 18.3228, -43.7044

Trichromacy



Original Color

197.2470, -42.0268, -53.7136



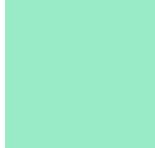
Protanomaly

206.7310, -49.1674, -3.2721



Deuteranomaly

210.8360, -34.9221, 1.0208



Tritanomaly

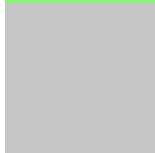
206.3780, -3.6374, -46.8125

Monochromacy



Original Color

197.2470, -42.0268, -53.7136



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.8670, -15.2174, -19.1774

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.2470, -42.0268, -53.7136 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(136, 245, 112)` looks like.

```
.text, #text, p{  
    color:rgb(136, 245, 112)  
}
```

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(136, 245, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 245, 112) }
```

Border

The CSS property to change the border of an element to YUV 197.2470, -42.0268, -53.7136 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(136, 245, 112) }
```


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

```
.border{ border-color:rgb(136, 245, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 245, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 245, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 245, 112);  
box-shadow:4px 4px 4px 4px rgb(136, 245,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 197.2470, -42.0268, -53.7136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 245, 112) }
```

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

```
.background{ background-color: rgb(136,  
245, 112) }
```

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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