

Converting Colors

YUV(197.9210, -40.8801,
-48.1657)

Have a look what the booklet for
YUV(197.9210, -40.8801, -48.1657)
contains.

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Color

**YUV(197.9210, -40.8801,
-48.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	8FF273
RGB	143, 242, 115
RGB Percent	56%, 95%, 45%
CMY	0.4392, 0.0510, 0.5490
CMYK	0.41, 0.00, 0.52, 0.05
HSL	107°, 83%, 70%
HSV	107°, 52%, 95%
XYZ	46.1743, 70.5817, 27.4096
YIQ	197.9210, -18.2370, -60.4850

Conversions

Conversions Part 2

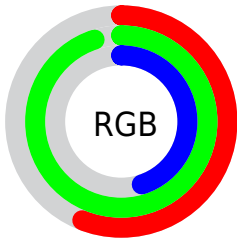
Format	Color
RYB	115, 242, 214
Decimal	9433715
CIELab	87.28, -52.12, 51.79
CIElCh	87, 73.475, 135.183
Yxy	70.5817, 0.3203, 0.4896
Android (android.graphics.Color)	4287623795 (0xFF8FF273)
YUV	197.9210, -40.8801, -48.1657
Hunter-Lab	84.0129, -48.9172, 39.4654

Details

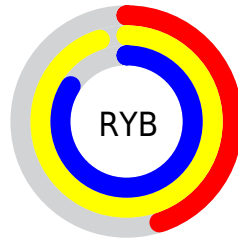
The YUV color **197.9210, -40.8801, -48.1657** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **159.0790, 40.8801, 48.1657**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1640, -29.1679, -24.6998**, and **141.0780, -38.9855, -49.1804** is the 20% darker color. If you saturate the color by 10%, you get **189.5040, -48.5625, -57.4470**, and if you desaturate by 10%, it is **206.3380, -33.1976, -38.8844**.

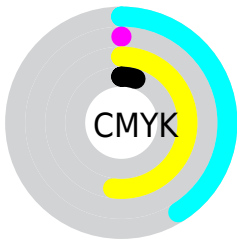
Distribution



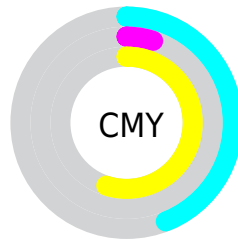
- Red (56%)
- Green (95%)
- Blue (45%)



- Red (45%)
- Yellow (95%)
- Blue (84%)



- Cyan (41%)
- Magenta (0%)
- Yellow (52%)
- Black (5%)



- Cyan (44%)
- Magenta (5%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.9210, -40.8801, -48.1657 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 197.9210, -40.8801, -48.1657 by changing the saturation by 10% instead.

■ 197.9210,
-40.8801, -48.1657

■ 197.9210,
-40.8801, -48.1657

255.0000, 0.0000,
0.0000

■ 169.1490,
-40.0065, -48.3657

■ 229.1640,
-29.1679, -24.6998

■ 141.0780,
-38.9855, -49.1804

■ 241.3260,
-21.3597, -9.0559

■ 112.7680,
-38.8326, -51.5395

■ 251.6940,
-12.6671, 2.8994

■ 79.2890, -39.0895,
-62.5205

■ 61.6350, -30.3861,
-54.0539

■ 46.9600, -23.1513,
-41.1839

■ 32.8720, -16.2059,

-28.8287

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 197.9210,
-40.8801, -48.1657

■ 197.9210,
-40.8801, -48.1657

■ 189.5040,
-48.5625, -57.4470

■ 206.3380,
-33.1976, -38.8844

■ 181.0870,
-56.2449, -66.7283

■ 214.7550,
-25.5152, -29.6031

■ 172.5560,
-64.3641, -75.9096

■ 223.2860,
-17.3960, -20.4218

■ 164.4380,
-72.1939, -84.5761

■ 231.4040, -9.5662,
-11.7553

■ 157.9010,
-77.8452, -91.9982

■ 239.8210, -1.8838,
-2.4740

■ 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



207.6610, -66.3879, 13.4523



197.9210, -40.8801, -48.1657



167.9710, 6.4233, -147.3106

Triad

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



197.9210, -40.8801, -48.1657



167.6020, 43.0872, -146.9870



189.0210, -1.4894, 57.8636

Complementary

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



197.9210, -40.8801, -48.1657



159.0790, 40.8801, 48.1657

Split Complementary

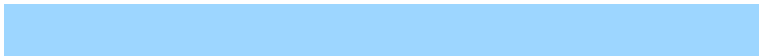
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



199.2350, 27.4921, 48.9059



197.9210, -40.8801, -48.1657



201.6310, 26.3109, -39.1414

Square

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



197.9210, -40.8801, -48.1657



175.2330, 39.3251, -153.6793



213.9100, 20.2574, 36.0359



192.8780, -34.9429, 54.4810

Rectangle

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



197.9210, -40.8801, -48.1657



174.6170, 26.8108, -153.1391



213.9100, 20.2574, 36.0359



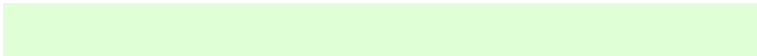
191.0560, 8.8464, 56.0789

Sweetspot

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



197.9210, -40.8801, -48.1657



240.7580, -13.1917, -15.5738



209.9120, -46.7916, 28.1412



119.4690, -8.1192, -9.1813



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.



197.9210, -40.8801, -48.1657



199.2710, -51.8986, -60.7507



193.4250, -21.9015, -68.7787



115.9410, -3.9149, -4.3333



119.9680, -59.1442, -70.1319



36.4600, -17.9748, -21.4514

Inverse Universe

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



159.0790, 40.8801, 48.1657



150.0280, 51.7512, 61.3654



163.5750, 21.9015, 68.7787



112.0590, 3.9149, 4.3333



63.7330, 59.2916, 69.5172



19.5400, 17.9748, 21.4514

Previews

White Background



This preview shows how the YUV color 197.9210, -40.8801, -48.1657 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 197.9210, -40.8801, -48.1657 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

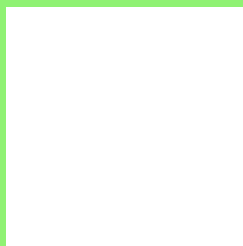
Any Text WCAG AAA ✓ Pass

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

YUV 197.9210, -40.8801, -48.1657 Background



This preview shows how black text looks on a background with the YUV color 197.9210, -40.8801, -48.1657.



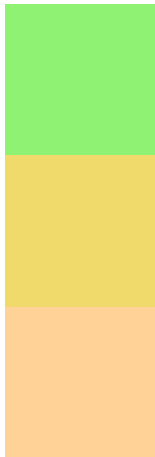
This preview shows how white text looks on a background with the YUV color 197.9210, -40.8801, -48.1657.

-48.1657.

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

197.9210, -40.8801, -48.1657

Protanopia

211.9240, -51.7275, 24.6227

Deuteranopia

216.8430, -31.9676, 33.4637



Tritanopia

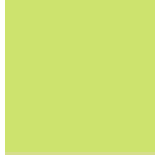
211.5140, 17.0016, -39.9158

Trichromacy



Original Color

197.9210, -40.8801, -48.1657



Protanomaly

207.0840, -47.8624, -1.8277



Deuteranomaly

210.1460, -35.0750, 3.3800



Tritanomaly

206.5850, -4.2324, -42.6090

Monochromacy



Original Color

197.9210, -40.8801, -48.1657



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.9920, -14.7861, -17.5330

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.9210, -40.8801, -48.1657 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(143, 242, 115)` looks like.

```
.text, #text, p{  
    color:rgb(143, 242, 115)  
}
```

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(143, 242, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 242, 115) }
```

Border

The CSS property to change the border of an element to YUV 197.9210, -40.8801, -48.1657 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(143, 242, 115) }
```


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

```
.border{ border-color:rgb(143, 242, 115) }
```

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

Here you see how a box with a 4 pixel rgb(143, 242, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 242, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 242, 115);  
box-shadow:4px 4px 4px 4px rgb(143, 242,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 197.9210, -40.8801, -48.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 242, 115) }
```

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

```
.background{ background-color: rgb(143,  
242, 115) }
```

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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