

Converting Colors

YUV(158.9690, 47.3433,
-18.3898)

Have a look what the booklet for
YUV(158.9690, 47.3433, -18.3898)
contains.

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Color

**YUV(158.9690, 47.3433,
-18.3898)**

Conversions

Conversions Part 1	
Format	Color
Hex	8A97FF
RGB	138, 151, 255
RGB Percent	54%, 59%, 100%
CMY	0.4588, 0.4078, 0.0000
CMYK	0.46, 0.41, 0.00, 0.00
HSL	233°, 100%, 77%
HSV	233°, 46%, 100%
XYZ	39.5978, 34.7565, 99.2294
YIQ	158.9690, -41.1320, 29.5880

Conversions

Conversions Part 2

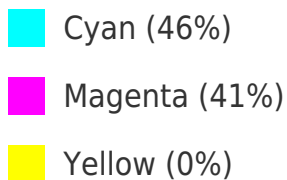
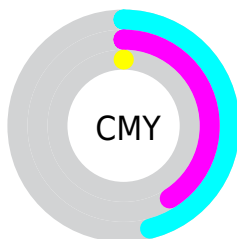
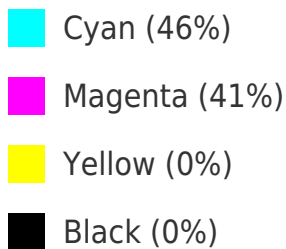
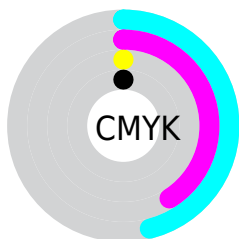
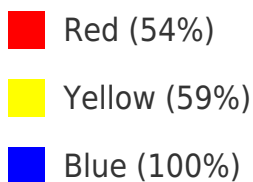
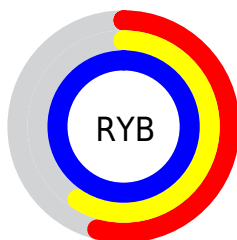
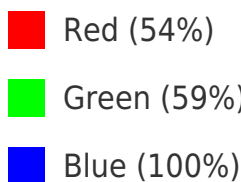
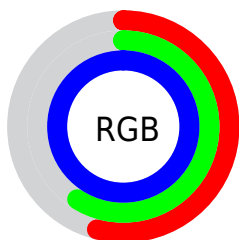
Format	Color
RYB	138, 150, 255
Decimal	9082879
CIELab	65.56, 21.89, -53.29
CIELCh	66, 57.608, 292.331
Yxy	34.7565, 0.2281, 0.2002
Android (android.graphics.Color)	4287272959 (0xFF8A97FF)
YUV	158.9690, 47.3433, -18.3898
Hunter-Lab	58.9546, 16.7218, -58.5256

Details

The YUV color **158.9690, 47.3433, -18.3898** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **234.0310, -47.3433, 18.3898**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0090, 23.1666, -10.5319**, and **104.8930, 45.9018, -22.7082** is the 20% darker color. If you saturate the color by 10%, you get **137.9930, 57.6845, -21.9189**, and if you desaturate by 10%, it is **179.9450, 37.0021, -14.8608**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 158.9690, 47.3433, -18.3898 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 158.9690, 47.3433, -18.3898 by changing the saturation by 10% instead.


 158.9690, 47.3433,
-18.3898


 158.9690, 47.3433,
-18.3898


255.0000, 0.0000,
0.0000


 131.7300, 46.4751,
-19.9342


 208.0090, 23.1666,
-10.5319


 104.8930, 45.9018,
-22.7082

 233.4150, 10.6414,
-6.5030

 78.6320, 45.0444,
-27.7413

 48.0000, 46.8350,
-42.0960

 33.2960, 41.2661,
-29.2006

 18.7060, 36.1339,
-16.4052

 10.5730, 27.8185,

-9.2725

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 158.9690, 47.3433,
-18.3898

■ 158.9690, 47.3433,
-18.3898

■ 137.9930, 57.6845,
-21.9189

■ 179.9450, 37.0021,
-14.8608

■ 117.3050, 67.8836,
-26.5775

■ 200.6330, 26.8029,
-10.2021

■ 96.3290, 78.2248,
-30.1065

■ 221.9080, 16.3144,
-6.0583

■ 75.0540, 88.7134,
-34.2504

■ 242.8840, 5.9732,
-2.5293

■ 54.6650, 98.7652, 255.0000, 0.0000,
-38.2942 0.0000

■ 45.5060, 103.2805,
-39.9088

Harmonies

Analogous

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



128.2730, 62.4764, -112.4954



158.9690, 47.3433, -18.3898



163.6360, 29.2665, 39.7842

Triad

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



158.9690, 47.3433, -18.3898



156.6410, -38.7700, 68.7208



124.4240, 9.6510, -109.1198

Complementary

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



158.9690, 47.3433, -18.3898



234.0310, -47.3433, 18.3898

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.



140.5030, -23.4190, -48.6761



158.9690, 47.3433, -18.3898



154.5390, -51.0447, 38.9923

Square

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



158.9690, 47.3433, -18.3898



157.4730, -16.9952, 84.6542



149.8500, -46.2681, 0.1315



130.4660, 32.8013, -114.4187

Rectangle

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



158.9690, 47.3433, -18.3898



162.3160, 14.6342, 66.3749



149.8500, -46.2681, 0.1315



121.1980, 2.3674, -106.2906

Sweetspot

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



158.9690, 47.3433, -18.3898



225.4520, 14.5672, -5.6584



218.4210, 11.1314, -70.5292



109.6820, 9.0308, -3.2291



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.



158.9690, 47.3433, -18.3898



139.7650, 56.8109, -21.7189



164.7930, 44.4721, 15.9675



117.0690, 5.3890, -1.8145



34.1010, 77.3512, -29.9066



11.4050, 25.9293, -10.0022

Inverse Universe

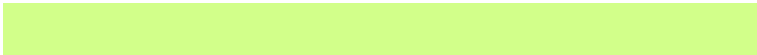
The Inverse Universe completely reimagines the original color for something new.



174.4650, -11.5682, 70.6292



158.5700, -14.0850, 84.5691



228.2070, -44.4721, -15.9675



119.0010, -1.4795, 7.8921



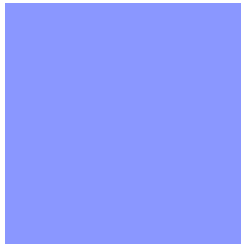
59.5030, -18.9820, 115.3229



19.9340, -6.3765, 38.6459

Previews

White Background



This preview shows how the YUV color 158.9690, 47.3433, -18.3898 looks on a white background.

Color Contrast Check

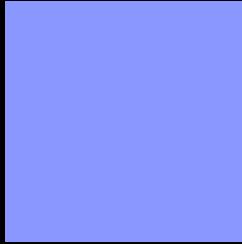
Large Text (above 18pt) WCAG AA × Fail

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 158.9690, 47.3433, -18.3898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

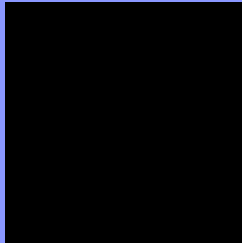
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.9690, 47.3433, -18.3898

Background



This preview shows how black text looks on a background with the YUV color 158.9690, 47.3433, -18.3898.



This preview shows how white text looks on a background with the YUV color 158.9690, 47.3433, -18.3898.

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

158.9690, 47.3433, -18.3898

Protanopia

156.5220, 48.5497, -32.0298

Deuteranopia

153.5700, 49.0190, -42.5959



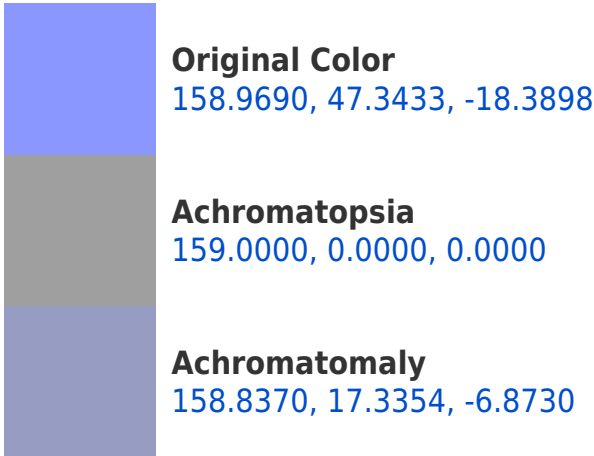
Tritanopia

153.5320, 13.0487, -32.0386

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to YUV 158.9690, 47.3433, -18.3898 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(138, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(138, 151, 255)  
}
```

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(138, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 151, 255) }
```

Border

The CSS property to change the border of an element to YUV 158.9690, 47.3433, -18.3898 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(138, 151, 255) }
```


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

```
.border{ border-color:rgb(138, 151, 255) }
```

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

Here you see how a box with a 4 pixel rgb(138, 151, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(138, 151,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 158.9690, 47.3433, -18.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 151, 255) }
```

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

```
.background{ background-color: rgb(138,  
151, 255) }
```

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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