

Converting Colors

YUV(158.8840, 42.9482,
-8.6683)

Have a look what the booklet for
YUV(158.8840, 42.9482, -8.6683)
contains.

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Color

**YUV(158.8840, 42.9482,
-8.6683)**

Conversions

Conversions Part 1

Format	Color
Hex	9593F6
RGB	149, 147, 246
RGB Percent	58%, 58%, 96%
CMY	0.4157, 0.4235, 0.0353
CMYK	0.39, 0.40, 0.00, 0.04
HSL	241°, 85%, 77%
HSV	241°, 40%, 96%
XYZ	39.4627, 33.9108, 91.6543
YIQ	158.8840, -30.5870, 31.2130

Conversions

Conversions Part 2

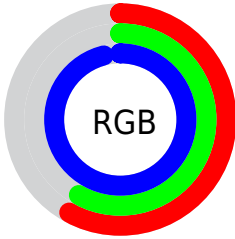
Format	Color
R _Y B	149, 147, 246
Decimal	9802742
CIE Lab	64.89, 24.34, -49.37
CIE LCh	65, 55.044, 296.241
Yxy	33.9108, 0.2391, 0.2055
Android (android.graphics.Color)	4287992822 (0xFF9593F6)
YUV	158.8840, 42.9482, -8.6683
Hunter-Lab	58.2330, 19.0562, -52.5549

Details

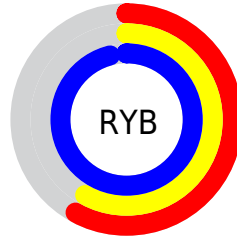
The YUV color **158.8840, 42.9482, -8.6683** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **234.1160, -42.9482, 8.6683**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6510, 22.8501, -2.3249**, and **106.2920, 40.7750, -11.6571** is the 20% darker color. If you saturate the color by 10%, you get **137.0330, 53.7207, -10.5529**, and if you desaturate by 10%, it is **180.7350, 32.1756, -6.7836**.

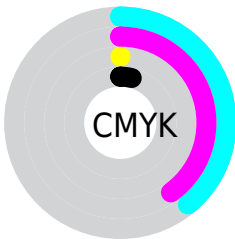
Distribution



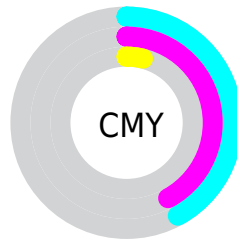
- Red (58%)
- Green (58%)
- Blue (96%)



- Red (58%)
- Yellow (58%)
- Blue (96%)



- Cyan (39%)
- Magenta (40%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (42%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.8840, 42.9482, -8.6683 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 158.8840, 42.9482, -8.6683 by changing the saturation by 10% instead.

■ 158.8840, 42.9482,
-8.6683

■ 158.8840, 42.9482,
-8.6683

255.0000, 0.0000,
0.0000

■ 131.9440, 41.9326,
-9.5979

■ 208.6510, 22.8501,
-2.3249

■ 106.2920, 40.7750,
-11.6571

■ 234.0570, 10.3249,
1.7040

■ 80.4550, 40.2017,
-14.4310

■ 54.3080, 39.7812,
-19.5641

■ 30.0360, 38.9293,
-26.3416

■ 14.8590, 34.0865,
-13.0313

■ 9.1880, 25.0503,

-8.0579

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 158.8840, 42.9482,
-8.6683

■ 158.8840, 42.9482,
-8.6683

■ 137.0330, 53.7207,
-10.5529

■ 180.7350, 32.1756,
-6.7836

■ 115.7690, 64.2039,
-12.9524

■ 201.9990, 21.6925,
-4.3841

■ 93.9180, 74.9764,
-14.8371

■ 223.8500, 10.9200,
-2.4994

■ 72.6540, 85.4596,
-17.2366

■ 245.1140, 0.4368,
-0.1000

■ 50.5040, 96.3795,
-19.7360

■ 253.9740, -3.9312,
0.8998

■ 29.5390, 106.7153,
-21.5207

Harmonies

Analogous

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



125.9250, 63.6340, -110.4362



158.8840, 42.9482, -8.6683



162.2190, 25.0350, 43.6579

Triad

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



158.8840, 42.9482, -8.6683



155.1950, -39.0431, 62.9730



123.2330, 12.7031, -108.0753

Complementary

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



158.8840, 42.9482, -8.6683



234.1160, -42.9482, 8.6683

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.



138.6210, -19.0402, -53.1646



158.8840, 42.9482, -8.6683



152.7770, -48.6971, 32.6446

Square

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



158.8840, 42.9482, -8.6683



156.4570, -19.4523, 79.4062



147.7830, -41.3050, -5.0717



129.0470, 34.9798, -113.1742

Rectangle

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



158.8840, 42.9482, -8.6683



159.9910, 10.8504, 66.6599



147.7830, -41.3050, -5.0717



120.7080, 5.5670, -105.8609

Sweetspot

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



158.8840, 42.9482, -8.6683



227.8330, 13.3933, -2.4845



215.2250, 15.1721, -59.8333



112.0520, 7.8624, -1.7996



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.



158.8840, 42.9482, -8.6683



147.5060, 52.9945, -10.9678



173.5350, 35.7252, 21.4558



111.3680, 5.2416, -1.1997



22.4000, 80.6548, -16.1368



7.0250, 25.6237, -5.2839

Inverse Universe

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



187.6590, 27.7761, 51.1651



183.1580, 34.4321, 63.0054



219.4650, -35.7252, -21.4558



114.9560, 3.4727, 6.1776



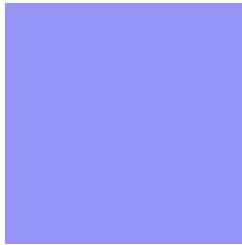
76.3620, 52.0795, 96.1525



24.1390, 16.2005, 30.5731

Previews

White Background



This preview shows how the YUV color 158.8840, 42.9482, -8.6683 looks on a white background.

Color Contrast Check

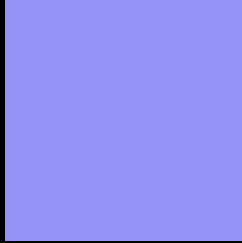
Large Text (above 18pt) WCAG AA × Fail

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 158.8840, 42.9482, -8.6683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

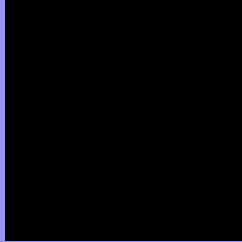
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.8840, 42.9482, -8.6683

Background



This preview shows how black text looks on a background with the YUV color 158.8840, 42.9482, -8.6683.



This preview shows how white text looks on a background with the YUV color 158.8840, 42.9482, -8.6683.

-8.6683.

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

158.8840, 42.9482, -8.6683

Protanopia

154.7070, 47.9654, -31.3150

Deuteranopia

153.4630, 44.6347, -36.3631



Tritanopia

154.5120, 10.1006, -19.7430

Trichromacy



Original Color

158.8840, 42.9482, -8.6683

Protanomaly

156.0070, 46.3385, -22.8081

Deuteranomaly

155.1160, 44.3128, -26.4117

Tritanomaly

156.3350, 22.0198, -16.0798

Monochromacy



Original Color

158.8840, 42.9482, -8.6683

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1040, 15.7247, -3.5992

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8840, 42.9482, -8.6683 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(149, 147, 246)` looks like.

```
.text, #text, p{  
    color:rgb(149, 147, 246)  
}
```

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(149, 147, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 147, 246) }
```

Border

The CSS property to change the border of an element to YUV 158.8840, 42.9482, -8.6683 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(149, 147, 246) }
```


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

```
.border{ border-color:rgb(149, 147, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 147, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 147, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 147, 246);  
box-shadow:4px 4px 4px 4px rgb(149, 147,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 158.8840, 42.9482, -8.6683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 147, 246) }
```

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

```
.background{ background-color: rgb(149,  
147, 246) }
```

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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