

Converting Colors

YUV(168.1290, 41.3484,
-8.8831)

Have a look what the booklet for
YUV(168.1290, 41.3484, -8.8831)
contains.

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Color

**YUV(168.1290, 41.3484,
-8.8831)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9DFC
RGB	158, 157, 252
RGB Percent	62%, 62%, 99%
CMY	0.3804, 0.3843, 0.0118
CMYK	0.37, 0.38, 0.00, 0.01
HSL	241°, 94%, 80%
HSV	241°, 38%, 99%
XYZ	43.7282, 38.4113, 97.2049
YIQ	168.1290, -29.8990, 29.7570

Conversions

Conversions Part 2

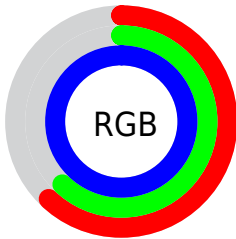
Format	Color
R _Y B	158, 157, 252
Decimal	10395132
CIE Lab	68.32, 22.53, -47.19
CIE LCh	68, 52.297, 295.521
Yxy	38.4113, 0.2438, 0.2142
Android (android.graphics.Color)	4288585212 (0xFF9E9DFC)
YUV	168.1290, 41.3484, -8.8831
Hunter-Lab	61.9769, 17.4824, -49.6070

Details

The YUV color **168.1290, 41.3484, -8.8831** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **240.8710, -41.3484, 8.8831**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.2120, 18.6295, -1.9399**, and **114.9500, 39.4646, -11.3572** is the 20% darker color. If you saturate the color by 10%, you get **145.9790, 52.2684, -11.3826**, and if you desaturate by 10%, it is **190.2790, 30.4285, -6.3837**.

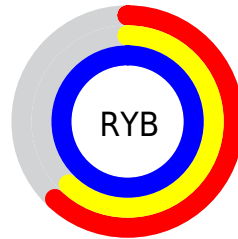
Distribution



Red (62%)

Green (62%)

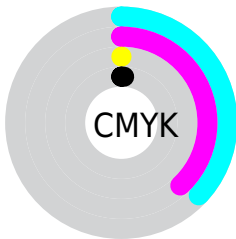
Blue (99%)



Red (62%)

Yellow (62%)

Blue (99%)

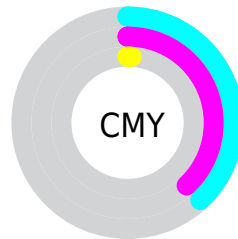


Cyan (37%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (38%)

Magenta (38%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.1290, 41.3484, -8.8831 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 168.1290, 41.3484, -8.8831 by changing the saturation by 10% instead.

■ 168.1290, 41.3484,
-8.8831

■ 168.1290, 41.3484,
-8.8831

255.0000, 0.0000,
0.0000

■ 141.1890, 40.3328,
-9.8128

■ 217.2120, 18.6295,
-1.9399

■ 114.9500, 39.4646,
-11.3572

■ 243.2050, 5.8149,
1.5742

■ 89.2980, 38.3071,
-13.4163

■ 64.1620, 37.8811,
-16.8051

■ 35.4270, 39.2295,
-29.3155

■ 20.7120, 33.6660,
-18.1644

■ 7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 168.1290, 41.3484,
-8.8831

■ 168.1290, 41.3484,
-8.8831

■ 145.9790, 52.2684,
-11.3826

■ 190.2790, 30.4285,
-6.3837

■ 123.8290, 63.1883,
-13.8820

■ 212.4290, 19.5085,
-3.8842

■ 101.0920, 74.3976,
-15.8667

■ 235.1660, 8.2992,
-1.8996

■ 78.9420, 85.3176,
-18.3661

■ 254.6580, -1.3104,
0.2999

■ 56.7920, 96.2375,
-20.8656

■ 34.6420, 107.1575,
-23.3650

■ 29.6250, 109.6309,
-23.3501

Harmonies

Analogous

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



145.8590, 53.8065, -84.9453



168.1290, 41.3484, -8.8831



171.3820, 24.4617, 40.8840

Triad

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



168.1290, 41.3484, -8.8831



165.0530, -37.0011, 61.3435



129.5420, 14.0298, -113.6083

Complementary

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



168.1290, 41.3484, -8.8831



240.8710, -41.3484, 8.8831

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.



149.6540, -19.0564, -47.9316



168.1290, 41.3484, -8.8831



162.7600, -46.2237, 32.6595

Square

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



168.1290, 41.3484, -8.8831



166.3750, -18.4259, 76.8471



158.1360, -40.0000, -3.6273



135.0140, 34.9961, -118.4073

Rectangle

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



168.1290, 41.3484, -8.8831



169.9690, 10.8613, 63.1712



158.1360, -40.0000, -3.6273



132.6980, 4.0929, -99.7131

Sweetspot

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



168.1290, 41.3484, -8.8831



230.1920, 12.2303, -2.7994



223.5950, 14.0037, -58.4038



112.9380, 7.4256, -1.6996



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.



168.1290, 41.3484, -8.8831



153.4090, 50.0844, -10.8827



182.1820, 34.4203, 20.0114



113.7810, 5.5310, -0.6849



22.1440, 82.2600, -17.6663



7.2530, 26.4973, -5.4839

Inverse Universe

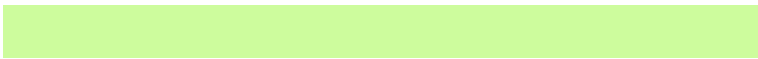
The Inverse Universe completely reimagines the original color for something new.



196.1210, 27.0553, 49.0059



187.3810, 32.8432, 59.3019



227.1170, -34.5677, -19.3966



117.3690, 3.7621, 6.6924



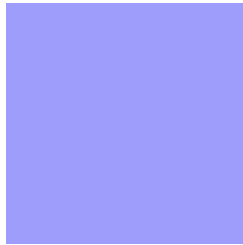
77.8290, 53.8213, 97.4970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 168.1290, 41.3484, -8.8831 looks on a white background.

Color Contrast Check

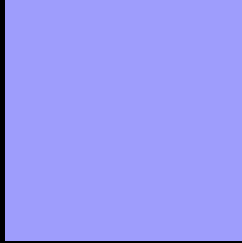
Large Text (above 18pt) WCAG AA × Fail

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 168.1290, 41.3484, -8.8831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

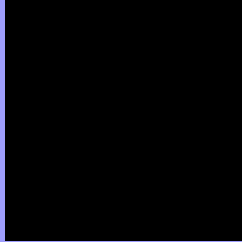
Any Text WCAG AA ✓ Pass

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 168.1290, 41.3484, -8.8831 Background



This preview shows how black text looks on a background with the YUV color 168.1290, 41.3484, -8.8831.



This preview shows how white text looks on a background with the YUV color 168.1290, 41.3484, -8.8831.

-8.8831.

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

168.1290, 41.3484, -8.8831

Protanopia

164.5180, 44.6076, -27.6413

Deuteranopia

164.2140, 42.2925, -31.7597



Tritanopia

163.9250, 10.3900, -19.2282

Trichromacy



Original Color

168.1290, 41.3484, -8.8831

Protanomaly

165.9210, 43.4229, -20.9787

Deuteranomaly

165.8560, 41.9760, -23.5527

Tritanomaly

165.5200, 21.4356, -15.3650

Monochromacy



Original Color

168.1290, 41.3484, -8.8831

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9900, 15.2879, -3.4992

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1290, 41.3484, -8.8831 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(158, 157, 252)` looks like.

```
.text, #text, p{  
    color:rgb(158, 157, 252)  
}
```

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(158, 157, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 157, 252) }
```

Border

The CSS property to change the border of an element to YUV 168.1290, 41.3484, -8.8831 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(158, 157, 252) }
```


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

```
.border{ border-color:rgb(158, 157, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 157, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 157, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 157, 252);  
box-shadow:4px 4px 4px 4px rgb(158, 157,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 168.1290, 41.3484, -8.8831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 157, 252) }
```

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

```
.background{ background-color: rgb(158,  
157, 252) }
```

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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