

Converting Colors

YUV(131.7340, 60.7701,
15.1423)

Have a look what the booklet for
YUV(131.7340, 60.7701, 15.1423)
contains.

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Color

**YUV(131.7340, 60.7701,
15.1423)**

Conversions

Conversions Part 1

Format	Color
Hex	9563FF
RGB	149, 99, 255
RGB Percent	58%, 39%, 100%
CMY	0.4157, 0.6118, 0.0000
CMYK	0.42, 0.61, 0.00, 0.00
HSL	259°, 100%, 69%
HSV	259°, 61%, 100%
XYZ	34.9063, 22.5332, 97.1173
YIQ	131.7340, -20.2760, 59.1160

Conversions

Conversions Part 2

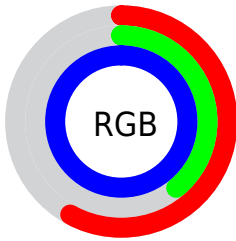
Format	Color
R _{YB}	149, 99, 255
Decimal	9790463
CIE _{Lab}	54.59, 53.80, -70.82
CIE _{LCh}	55, 88.936, 307.226
Yxy	22.5332, 0.2258, 0.1458
Android (android.graphics.Color)	4287980543 (0xFF9563FF)
YUV	131.7340, 60.7701, 15.1423
Hunter-Lab	47.4692, 48.1881, -88.0731

Details

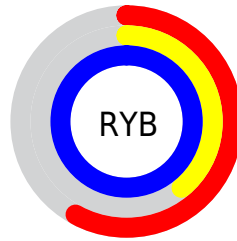
The YUV color **131.7340, 60.7701, 15.1423** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **222.2660, -60.7701, -15.1423**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7850, 36.5880, 24.7446**, and **77.2450, 59.0392, 10.3091** is the 20% darker color. If you saturate the color by 10%, you get **111.3890, 70.8002, 18.0758**, and if you desaturate by 10%, it is **151.4920, 51.0294, 12.7235**.

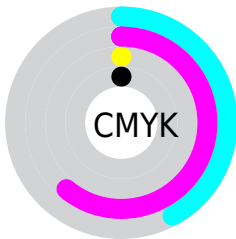
Distribution



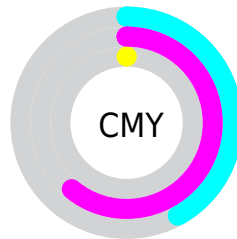
- Red (58%)
- Green (39%)
- Blue (100%)



- Red (58%)
- Yellow (39%)
- Blue (100%)



- Cyan (42%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.7340, 60.7701, 15.1423 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 131.7340, 60.7701, 15.1423 by changing the saturation by 10% instead.

■ 131.7340, 60.7701,
15.1423

■ 131.7340, 60.7701,
15.1423

255.0000, 0.0000,
0.0000

■ 104.1960, 60.0494,
12.9831

■ 180.7850, 36.5880,
24.7446

■ 77.2450, 59.0392,
10.3091

■ 205.6040, 24.3522,
29.2883

■ 48.9240, 59.1975,
6.2057

■ 226.8240, 13.8908,
24.7104

■ 17.6830, 61.2883,
-11.1230

■ 243.8470, 5.4984,
9.7812

■ 13.2240, 50.6686,
-11.5974

■ 10.2600, 39.3118,
-8.9980

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 131.7340, 60.7701,
15.1423

■ 131.7340, 60.7701,
15.1423

■ 111.3890, 70.8002,
18.0758

■ 151.4920, 51.0294,
12.7235

■ 91.3320, 80.6883,
19.8798

■ 172.1360, 40.8520,
10.4047

■ 70.9870, 90.7184,
22.8134

■ 192.4810, 30.8219,
7.4712

■ 53.5880, 99.2961,
24.9173

■ 212.2390, 21.0812,
5.0524

■ 232.8830, 10.9037,
2.7336

■ 252.6410, 1.1630,
0.3148

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



108.3150, 72.3157, -94.9923



131.7340, 60.7701, 15.1423



113.8610, 38.5225, 104.4849

Triad

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



131.7340, 60.7701, 15.1423



121.4570, -59.8783, 72.3902



111.9660, 17.7648, -98.1942

Complementary

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



131.7340, 60.7701, 15.1423



222.2660, -60.7701, -15.1423

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.



100.8570, -17.1845, -88.4516



131.7340, 60.7701, 15.1423



121.1160, -59.7102, 18.3153

Square

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



131.7340, 60.7701, 15.1423



109.5240, -34.2753, 120.5665



103.5870, -51.0684, -46.9958



120.5160, 50.5246, -105.6925

Rectangle

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



131.7340, 60.7701, 15.1423



92.3190, 23.9997, 142.6712



103.5870, -51.0684, -46.9958



108.3010, 6.2606, -94.9800

Sweetspot

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



131.7340, 60.7701, 15.1423



218.7290, 17.8816, 4.6227



179.5930, 37.1757, -70.6801



104.9970, 11.3405, 2.6336



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.



131.7340, 60.7701, 15.1423



108.1440, 72.4000, 18.2907



154.7570, 49.4198, 62.4801



117.6780, 5.0887, 1.1594



40.0130, 74.4366, 18.4056



13.2760, 25.0069, 5.8969

Inverse Universe

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



157.7280, 23.3051, 85.3075



138.9780, 27.6188, 101.7513



199.2430, -49.4198, -62.4801



119.7990, 1.5781, 7.1923



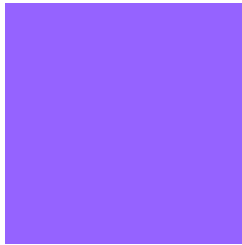
71.9290, 28.6290, 104.4253



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 131.7340, 60.7701, 15.1423 looks on a white background.

Color Contrast Check

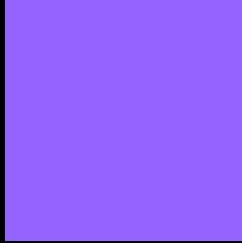
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.7340, 60.7701, 15.1423 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 × Fail

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

YUV 131.7340, 60.7701, 15.1423

Background



This preview shows how black text looks on a background with the YUV color 131.7340, 60.7701, 15.1423.



This preview shows how white text looks on a background with the YUV color 131.7340, 60.7701,

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

131.7340, 60.7701, 15.1423

Protanopia

117.6830, 67.6973, -60.2350

Deuteranopia

104.6330, 63.2849, -91.7631



Tritanopia

129.5630, 6.1314, -6.6328

Trichromacy



Original Color

131.7340, 60.7701, 15.1423



Protanomaly

122.5770, 65.2845, -32.9550



Deuteranomaly

114.6470, 62.2920, -53.1874



Tritanomaly

130.1830, 26.0388, 1.5935

Monochromacy



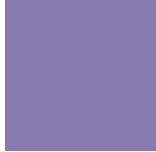
Original Color

131.7340, 60.7701, 15.1423



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

131.8800, 22.2442, 5.3672

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.7340, 60.7701, 15.1423 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, 99, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 99, 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(149, 99, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 99, 255) }
```

Border

The CSS property to change the border of an element to YUV 131.7340, 60.7701, 15.1423 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, 99, 255) }
```


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

```
.border{ border-color:rgb(149, 99, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 99, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 99, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 99, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 99,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 131.7340, 60.7701, 15.1423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 99, 255) }
```

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

```
.background{ background-color: rgb(149, 99,  
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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