

Converting Colors

YUV(131.0900, 50.7346,
13.9531)

Have a look what the booklet for
YUV(131.0900, 50.7346, 13.9531)
contains.

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Color

**YUV(131.0900, 50.7346,
13.9531)**

Conversions

Conversions Part 1

Format	Color
Hex	9367EA
RGB	147, 103, 234
RGB Percent	58%, 40%, 92%
CMY	0.4235, 0.5961, 0.0824
CMYK	0.37, 0.56, 0.00, 0.08
HSL	260°, 76%, 66%
HSV	260°, 56%, 92%
XYZ	31.7342, 21.8441, 80.3857
YIQ	131.0900, -15.8270, 50.0690

Conversions

Conversions Part 2

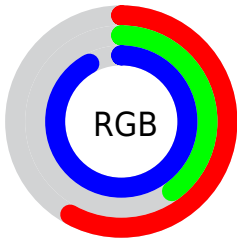
Format	Color
RYB	147, 103, 234
Decimal	9660394
CIELab	53.86, 45.74, -60.31
CIElCh	54, 75.695, 307.180
Yxy	21.8441, 0.2369, 0.1631
Android (android.graphics.Color)	4287850474 (0xFF9367EA)
YUV	131.0900, 50.7346, 13.9531
Hunter-Lab	46.7376, 39.4080, -69.2586

Details

The YUV color **131.0900, 50.7346, 13.9531** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **205.9100, -50.7346, -13.9531**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.3500, 36.3095, 20.7411**, and **78.1990, 48.7089, 10.3495** is the 20% darker color. If you saturate the color by 10%, you get **112.8050, 59.7491, 15.9570**, and if you desaturate by 10%, it is **149.3750, 41.7201, 11.9491**.

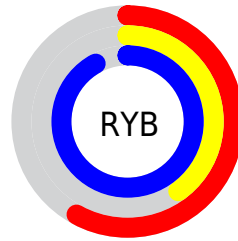
Distribution



Red (58%)

Green (40%)

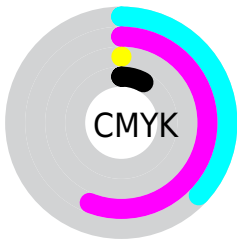
Blue (92%)



Red (58%)

Yellow (40%)

Blue (92%)

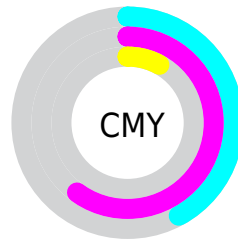


Cyan (37%)

Magenta (56%)

Yellow (0%)

Black (8%)



Cyan (42%)

Magenta (60%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.0900, 50.7346, 13.9531 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 131.0900, 50.7346, 13.9531 by changing the saturation by 10% instead.

131.0900, 50.7346,
13.9531

131.0900, 50.7346,
13.9531

255.0000, 0.0000,
0.0000

104.4380, 49.5771,
11.8939

181.3500, 36.3095,
20.7411

78.1990, 48.7089,
10.3495

206.7560, 23.7843,
24.7700

52.0630, 48.2829,
6.9607

229.1720, 12.7332,
22.6512

23.2580, 49.1728,
1.5277

245.6080, 4.6303,
8.2368

11.1720, 42.8062,
-9.7978

8.3220, 31.8863,
-7.2984

7.9340, 20.2455,

-6.9581

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 131.0900, 50.7346,
13.9531

■ 131.0900, 50.7346,
13.9531

■ 112.8050, 59.7491,
15.9570

■ 149.3750, 41.7201,
11.9491

■ 94.2320, 68.9056,
19.0905

■ 167.9480, 32.5636,
8.8156

■ 75.9470, 77.9201,
21.0945

■ 186.2330, 23.5491,
6.8117

■ 57.3740, 87.0766,
24.2280

■ 204.8060, 14.3926,
3.6781

■ 50.2970, 90.5656,
25.1725

■ 223.0910, 5.3781,
1.6742

■ 241.0770, -3.4890,
-0.9445

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



106.5540, 73.1839, -93.4479



131.0900, 50.7346, 13.9531



123.6720, 28.2627, 81.8487

Triad

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



131.0900, 50.7346, 13.9531



120.5270, -59.4198, 65.3128



108.4610, 17.0277, -95.1203

Complementary

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



131.0900, 50.7346, 13.9531



205.9100, -50.7346, -13.9531

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.



98.9480, -11.8064, -86.7774



131.0900, 50.7346, 13.9531



119.3550, -58.8420, 19.8597

Square

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



131.0900, 50.7346, 13.9531



117.3750, -31.7369, 99.6491



106.3330, -52.4222, -32.7410



115.1700, 45.2722, -101.0041

Rectangle

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



131.0900, 50.7346, 13.9531



113.3090, 12.1727, 109.3540



106.3330, -52.4222, -32.7410



105.2520, 7.2708, -92.3060

Sweetspot

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



131.0900, 50.7346, 13.9531



221.0880, 16.7186, 4.3078



169.0030, 32.0435, -57.8846



107.6550, 10.0301, 2.9336



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.



131.0900, 50.7346, 13.9531



120.8360, 66.1429, 18.5608



150.5250, 41.1532, 53.9136



108.4500, 4.2152, 1.3594



38.8730, 70.0686, 19.4054



11.5380, 20.9338, 5.6672

Inverse Universe

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



152.0870, 18.6911, 71.8377



148.1250, 24.5884, 93.7294



186.4750, -41.1532, -53.9136



110.0870, 1.4361, 6.0627



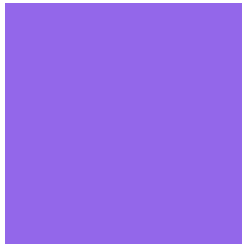
67.7990, 25.7351, 99.2773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 131.0900, 50.7346, 13.9531 looks on a white background.

Color Contrast Check

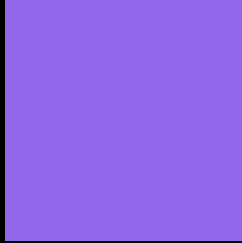
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.0900, 50.7346, 13.9531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

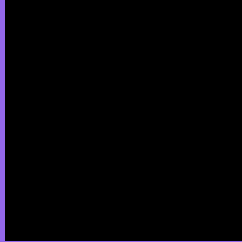
Any Text WCAG AA ✓ Pass

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 131.0900, 50.7346, 13.9531 Background



This preview shows how black text looks on a background with the YUV color 131.0900, 50.7346, 13.9531.



This preview shows how white text looks on a background with the YUV color 131.0900, 50.7346,

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

131.0900, 50.7346, 13.9531

Protanopia

115.0140, 69.0131, -62.2793

Deuteranopia

114.2510, 56.0783, -66.8721



Tritanopia

128.5420, 4.6628, -2.2293

Trichromacy



Original Color

131.0900, 50.7346, 13.9531



Protanomaly

120.4690, 62.3798, -34.6143



Deuteranomaly

120.5690, 53.9495, -37.3330



Tritanomaly

129.6410, 21.3760, 3.8228

Monochromacy



Original Color

131.0900, 50.7346, 13.9531



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

131.1420, 18.1710, 5.1375

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.0900, 50.7346, 13.9531 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(147, 103, 234)` looks like.

```
.text, #text, p{  
    color:rgb(147, 103, 234)  
}
```

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(147, 103, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 103, 234) }
```

Border

The CSS property to change the border of an element to YUV 131.0900, 50.7346, 13.9531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

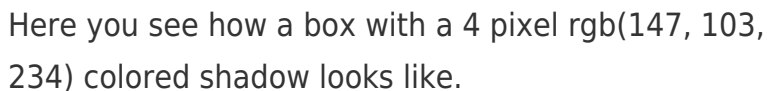
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 103, 234) }
```


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

```
.border{ border-color:rgb(147, 103, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 103, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 103, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 103, 234);  
box-shadow:4px 4px 4px 4px rgb(147, 103,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 131.0900, 50.7346, 13.9531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 103, 234) }
```

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

```
.background{ background-color: rgb(147,  
103, 234) }
```

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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