

Converting Colors

YUV(147.2530, 46.7103,
-1.9759)

Have a look what the booklet for
YUV(147.2530, 46.7103, -1.9759)
contains.

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Color

**YUV(147.2530, 46.7103,
-1.9759)**

Conversions

Conversions Part 1

Format	Color
Hex	9182F2
RGB	145, 130, 242
RGB Percent	57%, 51%, 95%
CMY	0.4314, 0.4902, 0.0510
CMYK	0.40, 0.46, 0.00, 0.05
HSL	248°, 81%, 73%
HSV	248°, 46%, 95%
XYZ	35.6867, 28.3958, 87.6044
YIQ	147.2530, -27.0120, 38.0120

Conversions

Conversions Part 2

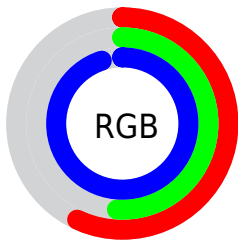
Format	Color
R _Y B	145, 130, 242
Decimal	9536242
CIE Lab	60.24, 32.07, -54.56
CIE LCh	60, 63.288, 300.447
Yxy	28.3958, 0.2353, 0.1872
Android (android.graphics.Color)	4287726322 (0xFF9182F2)
YUV	147.2530, 46.7103, -1.9759
Hunter-Lab	53.2877, 26.2876, -60.1707

Details

The YUV color $147.2530, 46.7103, -1.9759$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $224.7470, -46.7103, 1.9759$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $197.1880, 28.5013, 5.0971$, and $94.3620, 44.6845, -5.5795$ is the 20% darker color. If you saturate the color by 10%, you get $126.8860, 56.7512, -2.5310$, and if you desaturate by 10%, it is $167.6200, 36.6693, -1.4207$.

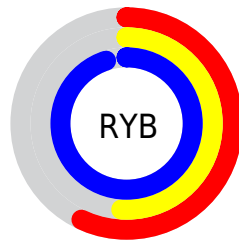
Distribution



Red (57%)

Green (51%)

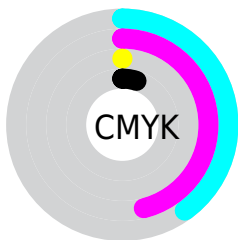
Blue (95%)



Red (57%)

Yellow (51%)

Blue (95%)

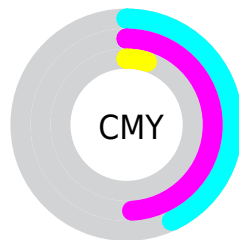


Cyan (40%)

Magenta (46%)

Yellow (0%)

Black (5%)



Cyan (43%)

Magenta (49%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2530, 46.7103, -1.9759 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 147.2530, 46.7103, -1.9759 by changing the saturation by 10% instead.

■ 147.2530, 46.7103,
-1.9759

■ 147.2530, 46.7103,
-1.9759

255.0000, 0.0000,
0.0000

■ 120.9000, 45.4053,
-3.4203

■ 197.1880, 28.5013,
5.0971

■ 94.3620, 44.6845,
-5.5795

■ 222.2950, 16.1236,
8.5113

■ 69.1120, 43.8218,
-8.8682

■ 245.6080, 4.6303,
8.2368

■ 42.3560, 43.7015,
-16.9752

■ 20.7750, 41.5229,
-18.2197

■ 9.2340, 35.3806,
-8.0982

■ 9.3190, 23.0137,

-8.1728

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 147.2530, 46.7103,
-1.9759

■ 147.2530, 46.7103,
-1.9759

■ 126.8860, 56.7512,
-2.5310

■ 167.6200, 36.6693,
-1.4207

■ 106.5190, 66.7921,
-3.0862

■ 187.9870, 26.6284,
-0.8656

■ 85.5650, 77.1225,
-3.1265

■ 208.9410, 16.2981,
-0.8253

■ 65.1980, 87.1634,
-3.6816

■ 229.3080, 6.2572,
-0.2701

■ 44.8310, 97.2043,
-4.2368

■ 249.6750, -3.7838,
0.2850

■ 37.1560, 100.9881,
-4.5218

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



117.7070, 67.6854, -103.2290



147.2530, 46.7103, -1.9759



148.2360, 26.0127, 56.7980

Triad

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



147.2530, 46.7103, -1.9759



140.4420, -47.0529, 65.3874



116.7930, 13.4131, -102.4275

Complementary

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



147.2530, 46.7103, -1.9759



224.7470, -46.7103, 1.9759

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.



107.9470, -10.3269, -94.6695



147.2530, 46.7103, -1.9759



136.3950, -62.8057, 31.2256

Square

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



147.2530, 46.7103, -1.9759



140.6600, -23.9894, 87.9982



131.6480, -46.6615, -13.7233



123.1770, 37.8737, -108.0262

Rectangle

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



147.2530, 46.7103, -1.9759



144.3780, 10.6596, 81.2295



131.6480, -46.6615, -13.7233



114.0400, 5.4033, -100.0131

Sweetspot

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



147.2530, 46.7103, -1.9759



224.5990, 14.9877, -0.5253



199.7070, 20.8504, -61.1330



109.4050, 9.1673, -0.3552



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.



147.2530, 46.7103, -1.9759



133.9830, 59.6614, -2.6161



163.9970, 38.4555, 32.4516



109.6670, 5.0942, -0.5850



28.4510, 76.6857, -3.0265



8.7760, 23.2814, -0.6806

Inverse Universe

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



174.5460, 25.8598, 59.1572



168.8930, 33.0838, 75.5158



208.0030, -38.4555, -32.4516



112.7280, 2.5991, 6.3775



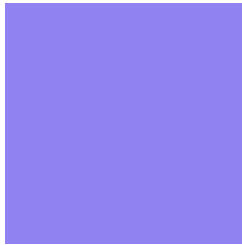
73.1420, 42.3280, 97.2225



22.3300, 13.1483, 29.5286

Previews

White Background



This preview shows how the YUV color 147.2530, 46.7103, -1.9759 looks on a white background.

Color Contrast Check

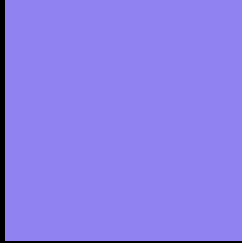
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.2530, 46.7103, -1.9759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

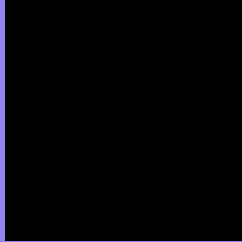
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.2530, 46.7103, -1.9759

Background



This preview shows how black text looks on a background with the YUV color 147.2530, 46.7103, -1.9759.



This preview shows how white text looks on a background with the YUV color 147.2530, 46.7103, -1.9759.

-1.9759.

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

147.2530, 46.7103, -1.9759

Protanopia

140.0140, 55.7021, -39.4773

Deuteranopia

138.5480, 49.0298, -46.0846



Tritanopia

143.4910, 8.6319, -15.3396

Trichromacy



Original Color

147.2530, 46.7103, -1.9759

Protanomaly

142.5920, 52.4591, -25.9522

Deuteranomaly

141.4190, 48.1074, -30.1855

Tritanomaly

144.7810, 22.2930, -10.3319

Monochromacy



Original Color

147.2530, 46.7103, -1.9759

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.1690, 17.1717, -1.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2530, 46.7103, -1.9759 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(145, 130, 242)` looks like.

```
.text, #text, p{  
    color:rgb(145, 130, 242)  
}
```

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(145, 130, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 130, 242) }
```

Border

The CSS property to change the border of an element to YUV 147.2530, 46.7103, -1.9759 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(145, 130, 242) }
```


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

```
.border{ border-color:rgb(145, 130, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 130, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 130, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 130, 242);  
box-shadow:4px 4px 4px 4px rgb(145, 130,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 147.2530, 46.7103, -1.9759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 130, 242) }
```

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

```
.background{ background-color: rgb(145,  
130, 242) }
```

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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