

Converting Colors

YUV(142.4930, 42.6480,
-5.6944)

Have a look what the booklet for
YUV(142.4930, 42.6480, -5.6944)
contains.

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Color

**YUV(142.4930, 42.6480,
-5.6944)**

Conversions

Conversions Part 1

Format	Color
Hex	8881E5
RGB	136, 129, 229
RGB Percent	53%, 51%, 90%
CMY	0.4667, 0.4941, 0.1020
CMYK	0.41, 0.44, 0.00, 0.10
HSL	244°, 66%, 70%
HSV	244°, 44%, 90%
XYZ	32.1465, 26.5919, 77.5672
YIQ	142.4930, -27.9280, 32.5840

Conversions

Conversions Part 2

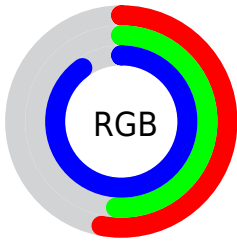
Format	Color
RYB	136, 129, 229
Decimal	8946149
CIELab	58.59, 26.84, -50.01
CIELCh	59, 56.756, 298.219
Yxy	26.5919, 0.2358, 0.1951
Android (android.graphics.Color)	4287136229 (0xFF8881E5)
YUV	142.4930, 42.6480, -5.6944
Hunter-Lab	51.5673, 21.0319, -53.0864

Details

The YUV color $142.4930, 42.6480, -5.6944$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $215.5070, -42.6480, 5.6944$, and the grayscale version is $142.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.6110, 30.2648, -0.5358$, and $90.6020, 40.6222, -9.2980$ is the 20% darker color. If you saturate the color by 10%, you get $122.7130, 52.3995, -6.7643$, and if you desaturate by 10%, it is $162.2730, 32.8964, -4.6244$.

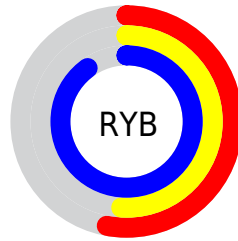
Distribution



Red (53%)

Green (51%)

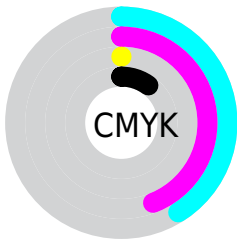
Blue (90%)



Red (53%)

Yellow (51%)

Blue (90%)

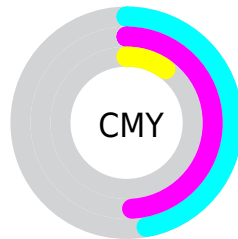


Cyan (41%)

Magenta (44%)

Yellow (0%)

Black (10%)



Cyan (47%)

Magenta (49%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.4930, 42.6480, -5.6944 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 142.4930, 42.6480, -5.6944 by changing the saturation by 10% instead.

■ 142.4930, 42.6480,
-5.6944

■ 142.4930, 42.6480,
-5.6944

255.0000, 0.0000,
0.0000

■ 116.2540, 41.7798,
-7.2388

■ 193.6110, 30.2648,
-0.5358

■ 90.6020, 40.6222,
-9.2980

■ 218.7180, 17.8870,
2.8783

■ 65.3520, 39.7595,
-12.5867

■ 243.8250, 5.5093,
6.2925

■ 38.1120, 40.3708,
-22.0232

■ 20.1080, 36.4288,
-17.6347

■ 7.9800, 30.5759,
-6.9985

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 142.4930, 42.6480,
-5.6944

■ 142.4930, 42.6480,
-5.6944

■ 122.7130, 52.3995,
-6.7643

■ 162.2730, 32.8964,
-4.6244

■ 102.6340, 62.2984,
-8.4490

■ 182.3520, 22.9975,
-2.9397

■ 82.8540, 72.0500,
-9.5190

■ 202.1320, 13.2459,
-1.8698

■ 63.0740, 81.8015,
-10.5889

■ 221.9120, 3.4944,
-0.7998

■ 43.2940, 91.5531,
-11.6588

■ 241.6920, -6.2572,
0.2701

■ 30.8900, 97.6682,
-13.0585

■ 252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



113.7630, 62.7278, -99.7702



142.4930, 42.6480, -5.6944



144.7140, 24.2980, 46.7318

Triad

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



142.4930, 42.6480, -5.6944



137.4290, -40.6375, 61.0138



111.7720, 11.9444, -98.0240

Complementary

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



142.4930, 42.6480, -5.6944



215.5070, -42.6480, 5.6944

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.



117.7770, -15.6661, -62.0714



142.4930, 42.6480, -5.6944



134.4840, -51.0176, 30.2705

Square

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



142.4930, 42.6480, -5.6944



138.2290, -20.3259, 79.6062



130.2340, -42.0204, -8.9752



117.5860, 34.2211, -103.1229

Rectangle

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



142.4930, 42.6480, -5.6944



141.6000, 10.5502, 69.6338



130.2340, -42.0204, -8.9752



109.8340, 4.5188, -96.3244

Sweetspot

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



142.4930, 42.6480, -5.6944



226.3600, 14.1195, -2.0697



194.9910, 16.7664, -57.8741



109.9920, 8.8779, -0.8700



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.



142.4930, 42.6480, -5.6944



140.1520, 56.6201, -7.1493



157.4430, 35.2776, 25.0445



104.6670, 5.0942, -0.5850



23.9940, 76.4180, -10.5187



7.0100, 21.6871, -2.6398

Inverse Universe

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



169.5020, 25.8815, 52.1797



175.9030, 34.5578, 69.3681



200.5570, -35.2776, -25.0445



107.8420, 3.0359, 6.2776



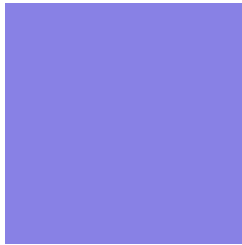
72.4450, 46.1226, 93.4487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 142.4930, 42.6480, -5.6944 looks on a white background.

Color Contrast Check

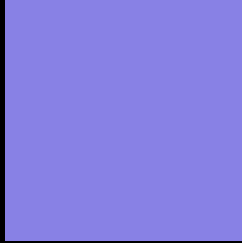
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.4930, 42.6480, -5.6944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

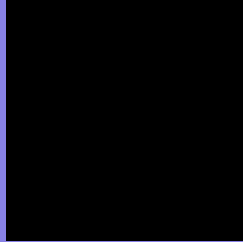
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.4930, 42.6480, -5.6944

Background



This preview shows how black text looks on a background with the YUV color 142.4930, 42.6480, -5.6944.



This preview shows how white text looks on a background with the YUV color 142.4930, 42.6480, -5.6944.

-5.6944.

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

142.4930, 42.6480, -5.6944

Protanopia

137.0380, 49.2813, -33.3593

Deuteranopia

135.4410, 44.6456, -39.8518



Tritanopia

138.2950, 9.2216, -17.7987

Trichromacy



Original Color

142.4930, 42.6480, -5.6944

Protanomaly

138.8220, 46.9228, -23.5229

Deuteranomaly

138.2900, 43.7340, -27.4413

Tritanomaly

139.8300, 21.2828, -13.0059

Monochromacy



Original Color

142.4930, 42.6480, -5.6944

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.1150, 15.7193, -1.8549

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.4930, 42.6480, -5.6944 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(136, 129, 229)` looks like.

```
.text, #text, p{  
    color:rgb(136, 129, 229)  
}
```

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(136, 129, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 129, 229) }
```

Border

The CSS property to change the border of an element to YUV 142.4930, 42.6480, -5.6944 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(136, 129, 229) }
```


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

```
.border{ border-color:rgb(136, 129, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 129, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 129, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 129, 229); box-shadow:4px 4px 4px 4px rgb(136, 129, 229) }
```

Background

The CSS property to change the background color of an element to YUV 142.4930, 42.6480, -5.6944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 129, 229) }
```

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

```
.background{ background-color: rgb(136,  
129, 229) }
```

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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