

Converting Colors

YUV(147.9870, 46.8414, 2.6424)

Have a look what the booklet for
YUV(147.9870, 46.8414, 2.6424)
contains.

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Color

**YUV(147.9870, 46.8414,
2.6424)**

Conversions

Conversions Part 1

Format	Color
Hex	9780F3
RGB	151, 128, 243
RGB Percent	59%, 50%, 95%
CMY	0.4078, 0.4980, 0.0471
CMYK	0.38, 0.47, 0.00, 0.05
HSL	252°, 83%, 73%
HSV	252°, 47%, 95%
XYZ	36.6593, 28.4887, 88.3607
YIQ	147.9870, -23.2070, 40.6410

Conversions

Conversions Part 2

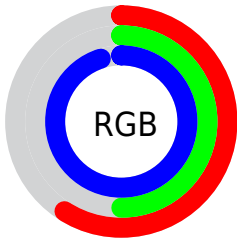
Format	Color
R_{YB}	151, 128, 243
Decimal	9928947
CIE _{Lab}	60.33, 34.96, -54.95
CIE _{LCh}	60, 65.129, 302.465
Yxy	28.4887, 0.2388, 0.1856
Android (android.graphics.Color)	4288119027 (0xFF9780F3)
YUV	147.9870, 46.8414, 2.6424
Hunter-Lab	53.3748, 29.1929, -60.7908

Details

The YUV color $147.9870, 46.8414, 2.6424$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $223.0130, -46.8414, -2.6424$, and the grayscale version is $148.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $197.8080, 28.1957, 9.8154$, and $95.3950, 44.6683, -0.3464$ is the 20% darker color. If you saturate the color by 10%, you get $128.2180, 56.5875, 3.3168$, and if you desaturate by 10%, it is $167.7560, 37.0953, 1.9680$.

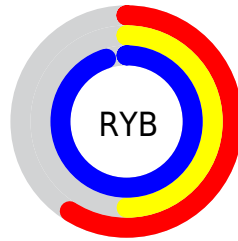
Distribution



Red (59%)

Green (50%)

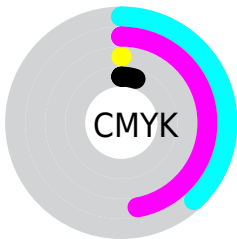
Blue (95%)



Red (59%)

Yellow (50%)

Blue (95%)

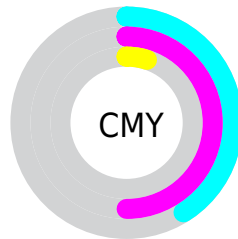


Cyan (38%)

Magenta (47%)

Yellow (0%)

Black (5%)



Cyan (41%)

Magenta (50%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.9870, 46.8414, 2.6424 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 147.9870, 46.8414, 2.6424 by changing the saturation by 10% instead.

■ 147.9870, 46.8414,
2.6424

■ 147.9870, 46.8414,
2.6424

255.0000, 0.0000,
0.0000

■ 121.6340, 45.5364,
1.1980

■ 197.8080, 28.1957,
9.8154

■ 95.3950, 44.6683,
-0.3464

■ 222.9150, 15.8179,
13.2295

■ 70.1450, 43.8055,
-3.6352

■ 244.4340, 5.2090,
9.2664

■ 44.5850, 43.0956,
-9.2830

■ 19.1280, 42.8279,
-16.7753

■ 9.2340, 35.3806,
-8.0982

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 147.9870, 46.8414,
2.6424

■ 147.9870, 46.8414,
2.6424

■ 128.2180, 56.5875,
3.3168

■ 167.7560, 37.0953,
1.9680

■ 107.5630, 66.7704,
3.8912

■ 188.4110, 26.9124,
1.3936

■ 87.7940, 76.5166,
4.5657

■ 208.1800, 17.1663,
0.7191

■ 67.7260, 86.4101,
4.6253

■ 228.2480, 7.2727,
0.6595

■ 47.9570, 96.1562,
5.2997

■ 248.0170, -2.4734,
-0.0149

■ 42.3530, 98.9190,
5.8294

■ 253.6320, -5.2416,
1.1997

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



147.9870, 46.8414, 2.6424



147.8560, 25.7070, 61.5163

Triad

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



147.9870, 46.8414, 2.6424



139.9320, -50.2525, 64.9576



117.9500, 15.3076, -103.4421

Complementary

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



147.9870, 46.8414, 2.6424



223.0130, -46.8414, -2.6424

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.



108.7620, -9.7427, -95.3843



147.9870, 46.8414, 2.6424



135.0590, -66.5841, 29.7663

Square

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



147.9870, 46.8414, 2.6424



140.1010, -26.1788, 90.2424



131.2130, -46.9400, -17.7268



123.8610, 40.4945, -108.6261

Rectangle

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



147.9870, 46.8414, 2.6424



142.7700, 9.4804, 86.1477



131.2130, -46.9400, -17.7268



115.0830, 6.8611, -100.9278

Sweetspot

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



147.9870, 46.8414, 2.6424



225.1970, 14.6929, 0.7042



195.1140, 23.6078, -58.8590



109.7040, 9.0199, 0.2596



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.



147.9870, 46.8414, 2.6424



135.2010, 59.0609, 3.3317



165.0300, 38.4392, 37.6847



112.2650, 4.7994, 0.6446



32.2670, 75.7904, 4.1508



10.3140, 24.0022, 1.4786

Inverse Universe

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



172.8730, 23.2336, 61.5014



166.5790, 29.2946, 77.5452



205.6710, -38.2918, -38.2995



114.7280, 2.5991, 6.3775



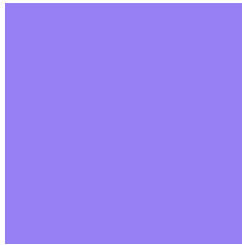
72.6000, 37.6652, 99.4518



22.9990, 11.8325, 31.5729

Previews

White Background



This preview shows how the YUV color 147.9870, 46.8414, 2.6424 looks on a white background.

Color Contrast Check

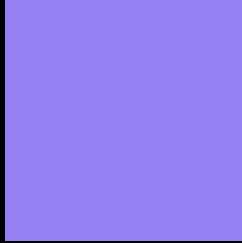
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.9870, 46.8414, 2.6424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

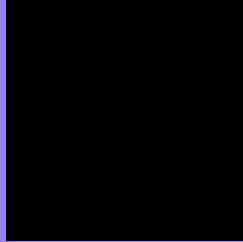
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.9870, 46.8414, 2.6424

Background



This preview shows how black text looks on a background with the YUV color 147.9870, 46.8414, 2.6424.



This preview shows how white text looks on a background with the YUV color 147.9870, 46.8414, 2.6424.

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

147.9870, 46.8414, 2.6424

Protanopia

140.2310, 56.5811, -41.4216

Deuteranopia

138.6620, 49.4666, -46.1846



Tritanopia

144.4700, 7.1633, -10.9362

Trichromacy



Original Color

147.9870, 46.8414, 2.6424

Protanomaly

143.1190, 53.1853, -25.5374

Deuteranomaly

141.8430, 48.3914, -27.9263

Tritanomaly

145.9880, 21.6979, -6.1285

Monochromacy



Original Color

147.9870, 46.8414, 2.6424

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.1800, 17.1663, 0.7191

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.9870, 46.8414, 2.6424 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(151, 128, 243)` looks like.

```
.text, #text, p{  
    color:rgb(151, 128, 243)  
}
```

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(151, 128, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 128, 243) }
```

Border

The CSS property to change the border of an element to YUV 147.9870, 46.8414, 2.6424 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(151, 128, 243) }
```


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

```
.border{ border-color:rgb(151, 128, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 128, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 128, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 128, 243);  
box-shadow:4px 4px 4px 4px rgb(151, 128,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 147.9870, 46.8414, 2.6424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 128, 243) }
```

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

```
.background{ background-color: rgb(151,  
128, 243) }
```

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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