

Converting Colors

YUV(147.2410, 51.6462, 1.5426)

Have a look what the booklet for
YUV(147.2410, 51.6462, 1.5426)
contains.

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Color

**YUV(147.2410, 51.6462,
1.5426)**

Conversions

Conversions Part 1

Format	Color
Hex	957EFC
RGB	149, 126, 252
RGB Percent	58%, 49%, 99%
CMY	0.4157, 0.5059, 0.0118
CMYK	0.41, 0.50, 0.00, 0.01
HSL	251°, 95%, 74%
HSV	251°, 50%, 99%
XYZ	37.4260, 28.3395, 95.5930
YIQ	147.2410, -26.7380, 44.0620

Conversions

Conversions Part 2

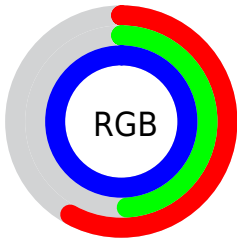
Format	Color
RYB	149, 126, 252
Decimal	9797372
CIELab	60.19, 38.05, -60.14
CIElCh	60, 71.167, 302.325
Yxy	28.3395, 0.2319, 0.1756
Android (android.graphics.Color)	4287987452 (0xFF957EFC)
YUV	147.2410, 51.6462, 1.5426
Hunter-Lab	53.2349, 32.3306, -69.2016

Details

The YUV color **147.2410, 51.6462, 1.5426** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **230.7590, -51.6462, -1.5426**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0360, 29.0693, 9.6154**, and **94.0510, 49.7679, -2.6757** is the 20% darker color. If you saturate the color by 10%, you get **126.2870, 61.9765, 1.5023**, and if you desaturate by 10%, it is **168.1950, 41.3159, 1.5830**.

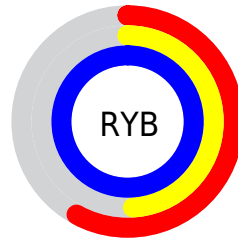
Distribution



Red (58%)

Green (49%)

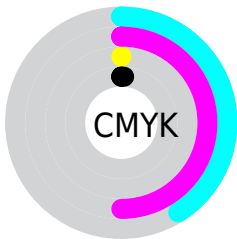
Blue (99%)



Red (58%)

Yellow (49%)

Blue (99%)

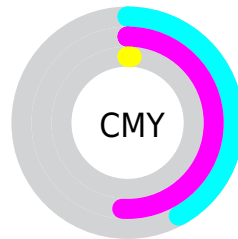


Cyan (41%)

Magenta (50%)

Yellow (0%)

Black (1%)



Cyan (42%)

Magenta (51%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2410, 51.6462, 1.5426 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 147.2410, 51.6462, 1.5426 by changing the saturation by 10% instead.

■ 147.2410, 51.6462,
1.5426

■ 147.2410, 51.6462,
1.5426

255.0000, 0.0000,
0.0000

■ 120.5890, 50.4886,
-0.5166

■ 196.0360, 29.0693,
9.6154

■ 94.0510, 49.7679,
-2.6757

■ 221.4420, 16.5441,
13.6444

■ 68.3880, 48.6157,
-6.4793

■ 243.2600, 5.7878,
10.2960

■ 41.0340, 48.7902,
-15.8158

■ 18.2790, 47.1905,
-16.0307

■ 10.0320, 38.4382,
-8.7981

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 147.2410, 51.6462,
1.5426

■ 147.2410, 51.6462,
1.5426

■ 126.2870, 61.9765,
1.5023

■ 168.1950, 41.3159,
1.5830

■ 105.6320, 72.1594,
2.0767

■ 188.8500, 31.1330,
1.0086

■ 84.0910, 82.7791,
2.5512

■ 210.3910, 20.5132,
0.5341

■ 63.4360, 92.9621,
3.1256

■ 231.0460, 10.3303,
-0.0403

■ 42.4820, 103.2924,
3.0853

■ 252.0000, 0.0000,
0.0000

254.6580, -1.3104,
0.2999

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



147.2410, 51.6462, 1.5426



145.6980, 28.7429, 67.7939

Triad

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



147.2410, 51.6462, 1.5426



137.8420, -57.1101, 71.1756



118.4230, 14.5815, -103.8570

Complementary

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



147.2410, 51.6462, 1.5426



230.7590, -51.6462, -1.5426

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.



108.6650, -12.6528, -95.2992



147.2410, 51.6462, 1.5426



135.3580, -66.7315, 30.3810

Square

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



147.2410, 51.6462, 1.5426



137.5150, -27.3689, 98.6493



127.2100, -55.8125, -18.6012



125.6050, 42.0997, -110.1556

Rectangle

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



147.2410, 51.6462, 1.5426



139.8080, 11.9267, 94.8844



127.2100, -55.8125, -18.6012



115.9150, 4.9719, -101.6575

Sweetspot

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



147.2410, 51.6462, 1.5426



223.4250, 15.5665, 0.5043



201.9990, 24.6505, -66.6511



108.8180, 9.4567, 0.1596



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.



147.2410, 51.6462, 1.5426



127.8140, 62.7027, 1.9171



165.4800, 42.6544, 39.0440



114.3790, 5.2362, 0.5446



31.7120, 77.5430, 2.0066



10.2430, 25.0232, 0.6639

Inverse Universe

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



175.4160, 26.4169, 67.1642



161.9970, 32.0465, 81.5636



212.5200, -42.6544, -39.0440



117.1410, 2.8885, 6.8923



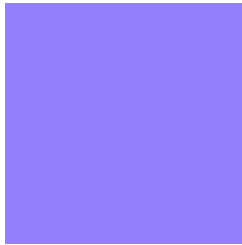
74.0670, 39.4070, 100.7962



23.9390, 12.8481, 32.5025

Previews

White Background



This preview shows how the YUV color 147.2410, 51.6462, 1.5426 looks on a white background.

Color Contrast Check

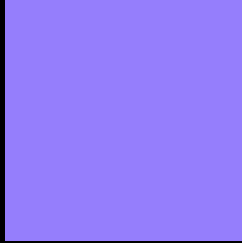
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.2410, 51.6462, 1.5426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

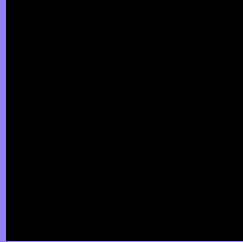
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.2410, 51.6462, 1.5426

Background



This preview shows how black text looks on a background with the YUV color 147.2410, 51.6462, 1.5426.



This preview shows how white text looks on a background with the YUV color 147.2410, 51.6462, 1.5426.

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

147.2410, 51.6462, 1.5426

Protanopia

139.3450, 57.0179, -41.5216

Deuteranopia

134.4910, 55.4669, -57.4356



Tritanopia

143.0890, 8.3371, -14.1101

Trichromacy



Original Color

147.2410, 51.6462, 1.5426

Protanomaly

142.5750, 54.9325, -25.9373

Deuteranomaly

139.2810, 54.0915, -36.2034

Tritanomaly

144.5470, 23.8873, -8.3727

Monochromacy



Original Color

147.2410, 51.6462, 1.5426

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9350, 18.7660, 0.9340

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2410, 51.6462, 1.5426 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, 126, 252)` looks like.

```
.text, #text, p{  
    color:rgb(149, 126, 252)  
}
```

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, 126, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 126, 252) }
```

Border

The CSS property to change the border of an element to YUV 147.2410, 51.6462, 1.5426 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, 126, 252) }
```


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

```
.border{ border-color:rgb(149, 126, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 126, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 126, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 126, 252);  
box-shadow:4px 4px 4px 4px rgb(149, 126,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 147.2410, 51.6462, 1.5426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 126, 252) }
```

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

```
.background{ background-color: rgb(149,  
126, 252) }
```

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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