

Converting Colors

YUV(147.1460, 42.3260, 4.2570)

Have a look what the booklet for
YUV(147.1460, 42.3260, 4.2570)
contains.

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Color

**YUV(147.1460, 42.3260,
4.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	9880E9
RGB	152, 128, 233
RGB Percent	60%, 50%, 91%
CMY	0.4039, 0.4980, 0.0863
CMYK	0.35, 0.45, 0.00, 0.09
HSL	254°, 70%, 71%
HSV	254°, 45%, 91%
XYZ	35.3760, 27.9969, 80.6302
YIQ	147.1460, -19.4010, 37.7430

Conversions

Conversions Part 2

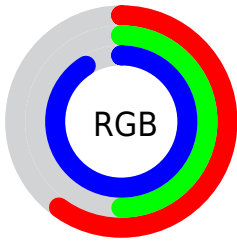
Format	Color
RYB	152, 128, 233
Decimal	9994473
CIELab	59.89, 32.57, -50.11
CIElCh	60, 59.759, 303.022
Yxy	27.9969, 0.2457, 0.1944
Android (android.graphics.Color)	4288184553 (0xFF9880E9)
YUV	147.1460, 42.3260, 4.2570
Hunter-Lab	52.9121, 26.7455, -53.3107

Details

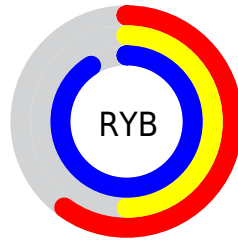
The YUV color $147.1460, 42.3260, 4.2570$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $213.8540, -42.3260, -4.2570$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $197.8080, 28.1957, 9.8154$, and $94.9670, 40.4423, 1.7829$ is the 20% darker color. If you saturate the color by 10%, you get $128.2630, 51.6353, 5.0313$, and if you desaturate by 10%, it is $166.0290, 33.0167, 3.4826$.

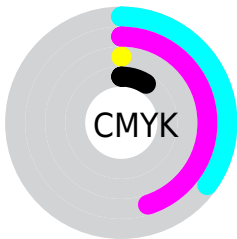
Distribution



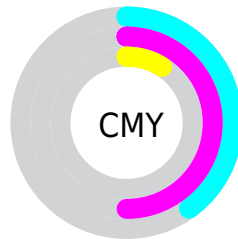
- Red (60%)
- Green (50%)
- Blue (91%)



- Red (60%)
- Yellow (50%)
- Blue (91%)



- Cyan (35%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (50%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.1460, 42.3260, 4.2570 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 147.1460, 42.3260, 4.2570 by changing the saturation by 10% instead.

■ 147.1460, 42.3260,
4.2570

■ 147.1460, 42.3260,
4.2570

■ 255.0000, 0.0000,
0.0000

■ 120.9070, 41.4578,
2.7126

■ 197.8080, 28.1957,
9.8154

■ 94.9670, 40.4423,
1.7829

■ 222.9150, 15.8179,
13.2295

■ 70.0160, 39.4321,
-0.8910

■ 244.4340, 5.2090,
9.2664

■ 45.3530, 38.2800,
-4.6946

■ 18.2160, 39.3335,
-15.9754

■ 8.3220, 31.8863,
-7.2984

■ 8.0480, 20.6823,

-7.0581

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 147.1460, 42.3260,
4.2570

■ 147.1460, 42.3260,
4.2570

■ 128.2630, 51.6353,
5.0313

■ 166.0290, 33.0167,
3.4826

■ 108.7930, 61.2341,
6.3205

■ 185.4990, 23.4180,
2.1934

■ 89.9100, 70.5434,
7.0949

■ 204.3820, 14.1087,
1.4190

■ 71.0270, 79.8527,
7.8693

■ 223.2650, 4.7994,
0.6446

■ 52.1440, 89.1620,
8.6437

■ 242.1480, -4.5100,
-0.1298

■ 42.4090, 93.9614,
9.2883

■ 252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



115.9630, 66.0802, -101.6996



147.1460, 42.3260, 4.2570



147.0250, 22.6657, 56.9831

Triad

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



147.1460, 42.3260, 4.2570



140.3380, -46.0156, 59.3396



116.0750, 15.7390, -101.7978

Complementary

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



147.1460, 42.3260, 4.2570



213.8540, -42.3260, -4.2570

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.



108.1580, -6.9799, -94.8546



147.1460, 42.3260, 4.2570



136.3110, -55.3693, 26.0373

Square

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



147.1460, 42.3260, 4.2570



140.9860, -25.1361, 82.4503



131.7060, -41.2671, -17.2822



121.4160, 38.7419, -106.4818

Rectangle

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



147.1460, 42.3260, 4.2570



143.5580, 7.6129, 78.4406



131.7060, -41.2671, -17.2822



114.0230, 7.8767, -99.9982

Sweetspot

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



147.1460, 42.3260, 4.2570



225.4960, 14.5455, 1.3190



188.1040, 22.1337, -52.7112



110.0030, 8.8725, 0.8744



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.



147.1460, 42.3260, 4.2570



142.3000, 55.5611, 5.8759



162.3950, 34.8083, 35.6106



107.8520, 4.5100, 0.1298



32.8930, 73.0168, 7.1098



9.7440, 21.8182, 1.9785

Inverse Universe

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



168.6290, 19.9029, 56.4534



170.4600, 26.3952, 74.1416



198.6050, -34.8083, -35.6106



110.3150, 2.3097, 5.8627



70.0790, 34.4711, 97.2777



20.8200, 9.9487, 29.0989

Previews

White Background



This preview shows how the YUV color 147.1460, 42.3260, 4.2570 looks on a white background.

Color Contrast Check

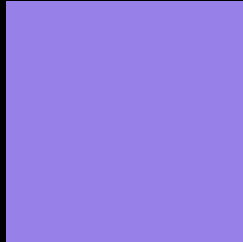
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.1460, 42.3260, 4.2570 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 147.1460, 42.3260, 4.2570

Background



This preview shows how black text looks on a background with the YUV color 147.1460, 42.3260, 4.2570.



This preview shows how white text looks on a background with the YUV color 147.1460, 42.3260,

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

147.1460, 42.3260, 4.2570

Protanopia

140.5970, 51.4707, -35.6036

Deuteranopia

139.3380, 44.2034, -38.0074



Tritanopia

143.6770, 6.5682, -6.7327

Trichromacy



Original Color

147.1460, 42.3260, 4.2570

Protanomaly

142.8870, 48.3697, -20.9489

Deuteranomaly

141.9100, 43.4284, -22.7231

Tritanomaly

145.1410, 19.6505, -2.7547

Monochromacy



Original Color

147.1460, 42.3260, 4.2570

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.0230, 15.2717, 1.7338

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.1460, 42.3260, 4.2570 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(152, 128, 233)` looks like.

```
.text, #text, p{  
    color:rgb(152, 128, 233)  
}
```

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(152, 128, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 128, 233) }
```

Border

The CSS property to change the border of an element to YUV 147.1460, 42.3260, 4.2570 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(152, 128, 233) }
```


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

```
.border{ border-color:rgb(152, 128, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 128, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 128, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 128, 233);  
box-shadow:4px 4px 4px 4px rgb(152, 128,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 147.1460, 42.3260, 4.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 128, 233) }
```

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

```
.background{ background-color: rgb(152,  
128, 233) }
```

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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