

Converting Colors

YUV(149.2490, 42.7682, 2.4126)

Have a look what the booklet for
YUV(149.2490, 42.7682, 2.4126)
contains.

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Color

**YUV(149.2490, 42.7682,
2.4126)**

Conversions

Conversions Part 1

Format	Color
Hex	9883EC
RGB	152, 131, 236
RGB Percent	60%, 51%, 93%
CMY	0.4039, 0.4863, 0.0745
CMYK	0.36, 0.44, 0.00, 0.07
HSL	252°, 73%, 72%
HSV	252°, 44%, 93%
XYZ	36.2055, 28.9641, 83.0393
YIQ	149.2490, -21.1890, 37.1070

Conversions

Conversions Part 2

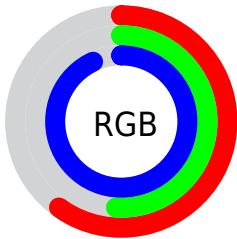
Format	Color
R_{YB}	152, 131, 236
Decimal	9995244
CIE _{Lab}	60.75, 31.63, -50.40
CIE _{LCh}	61, 59.504, 302.113
Y _{xy}	28.9641, 0.2443, 0.1954
Android (android.graphics.Color)	4288185324 (0xFF9883EC)
YUV	149.2490, 42.7682, 2.4126
Hunter-Lab	53.8183, 25.9013, -53.8090

Details

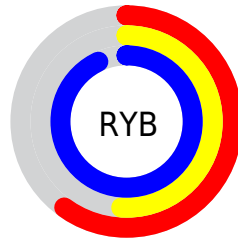
The YUV color $149.2490, 42.7682, 2.4126$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $217.7510, -42.7682, -2.4126$, and the grayscale version is $149.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $199.5690, 27.3275, 8.2710$, and $97.0700, 40.8845, -0.0614$ is the 20% darker color. If you saturate the color by 10%, you get $129.4800, 52.5144, 3.0870$, and if you desaturate by 10%, it is $169.0180, 33.0221, 1.7382$.

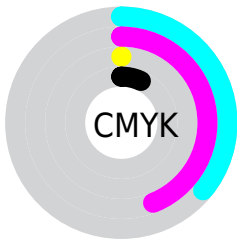
Distribution



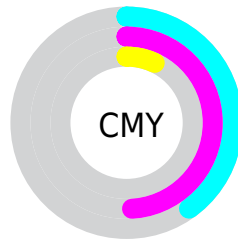
- Red (60%)
- Green (51%)
- Blue (93%)



- Red (60%)
- Yellow (51%)
- Blue (93%)



- Cyan (36%)
- Magenta (44%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (49%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2490, 42.7682, 2.4126 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 149.2490, 42.7682, 2.4126 by changing the saturation by 10% instead.

■ 149.2490, 42.7682,
2.4126

■ 149.2490, 42.7682,
2.4126

■ 255.0000, 0.0000,
0.0000

■ 122.8960, 41.4633,
0.9682

■ 199.5690, 27.3275,
8.2710

■ 97.0700, 40.8845,
-0.0614

■ 224.6760, 14.9497,
11.6851

■ 72.0050, 39.4375,
-2.6354

■ 246.1950, 4.3409,
7.7220

■ 47.1570, 38.8696,
-7.1537

■ 20.2050, 39.3389,
-17.7198

■ 8.6640, 33.1966,
-7.5983

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 149.2490, 42.7682,
2.4126

■ 149.2490, 42.7682,
2.4126

■ 129.4800, 52.5144,
3.0870

■ 169.0180, 33.0221,
1.7382

■ 110.2980, 61.9711,
3.2467

■ 188.2000, 23.5654,
1.5786

■ 90.5290, 71.7172,
3.9211

■ 207.9690, 13.8193,
0.9042

■ 71.3470, 81.1739,
4.0807

■ 227.1510, 4.3626,
0.7446

■ 51.8770, 90.7726,
5.3699

■ 246.6210, -5.2362,
-0.5446

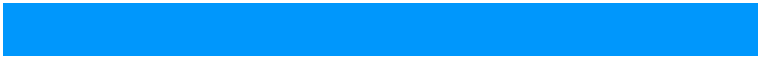
■ 40.9570, 96.1562,
5.2997

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



117.3650, 66.3751, -102.9291



149.2490, 42.7682, 2.4126



149.5410, 23.3973, 55.6535

Triad

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



149.2490, 42.7682, 2.4126



142.5770, -45.1475, 60.8840



117.3630, 15.5970, -102.9274

Complementary

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



149.2490, 42.7682, 2.4126



217.7510, -42.7682, -2.4126

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.



116.0240, -10.3648, -82.4590



149.2490, 42.7682, 2.4126



139.1370, -54.7905, 27.0669

Square

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



149.2490, 42.7682, 2.4126



143.2140, -24.2625, 82.2503



134.0160, -41.4199, -14.9230



123.2910, 38.3105, -108.1262

Rectangle

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



149.2490, 42.7682, 2.4126



146.0740, 8.3445, 77.1111



134.0160, -41.4199, -14.9230



115.1970, 7.2979, -101.0278

Sweetspot

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



149.2490, 42.7682, 2.4126



227.5560, 13.5299, 0.3894



192.2780, 21.5549, -53.7408



110.5900, 8.5831, 0.3596



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.



149.2490, 42.7682, 2.4126



143.4630, 54.9877, 3.1019



164.7970, 35.1031, 34.3810



107.8520, 4.5100, 0.1298



31.3980, 73.7538, 4.0360



9.4450, 21.9656, 1.3637

Inverse Universe

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



171.9710, 21.2133, 56.1534



172.6770, 27.2742, 72.1973



201.9040, -34.9557, -34.9958



110.3150, 2.3097, 5.8627



70.6490, 36.6550, 96.7778



21.0480, 10.8223, 28.8989

Previews

White Background



This preview shows how the YUV color 149.2490, 42.7682, 2.4126 looks on a white background.

Color Contrast Check

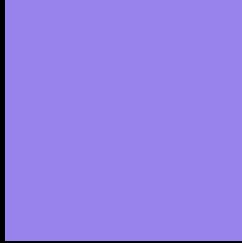
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.2490, 42.7682, 2.4126 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 149.2490, 42.7682, 2.4126

Background



This preview shows how black text looks on a background with the YUV color 149.2490, 42.7682, 2.4126.



This preview shows how white text looks on a background with the YUV color 149.2490, 42.7682, 2.4126.

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

149.2490, 42.7682, 2.4126

Protanopia

142.5970, 51.4707, -35.6036

Deuteranopia

142.1530, 44.7876, -38.7222



Tritanopia

145.4810, 7.1579, -9.1918

Trichromacy



Original Color

149.2490, 42.7682, 2.4126

Protanomaly

145.1750, 48.2277, -22.0785

Deuteranomaly

144.7250, 44.0126, -23.4378

Tritanomaly

146.9450, 20.2401, -5.2138

Monochromacy



Original Color

149.2490, 42.7682, 2.4126

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8380, 15.8559, 1.0191

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2490, 42.7682, 2.4126 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, 131, 236)` looks like.

```
.text, #text, p{  
    color:rgb(152, 131, 236)  
}
```

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, 131, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 131, 236) }
```

Border

The CSS property to change the border of an element to YUV 149.2490, 42.7682, 2.4126 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, 131, 236) }
```


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

```
.border{ border-color:rgb(152, 131, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 131, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 131, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 131, 236);  
box-shadow:4px 4px 4px 4px rgb(152, 131,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 149.2490, 42.7682, 2.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 131, 236) }
```

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

```
.background{ background-color: rgb(152,  
131, 236) }
```

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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