

Converting Colors

YUV(149.7650, 43.4999, 1.0831)

Have a look what the booklet for
YUV(149.7650, 43.4999, 1.0831)
contains.

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Color

**YUV(149.7650, 43.4999,
1.0831)**

Conversions

Conversions Part 1

Format	Color
Hex	9784EE
RGB	151, 132, 238
RGB Percent	59%, 52%, 93%
CMY	0.4078, 0.4824, 0.0667
CMYK	0.37, 0.45, 0.00, 0.07
HSL	251°, 76%, 73%
HSV	251°, 45%, 93%
XYZ	36.4464, 29.2549, 84.6147
YIQ	149.7650, -22.7020, 36.9940

Conversions

Conversions Part 2

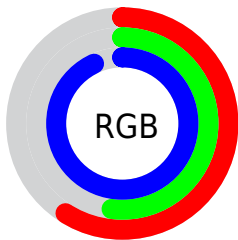
Format	Color
R_{YB}	151, 132, 238
Decimal	9929966
CIE _{Lab}	61.01, 31.33, -51.11
CIE _{LCh}	61, 59.946, 301.510
Yxy	29.2549, 0.2425, 0.1946
Android (android.graphics.Color)	4288120046 (0xFF9784EE)
YUV	149.7650, 43.4999, 1.0831
Hunter-Lab	54.0878, 25.6264, -54.8916

Details

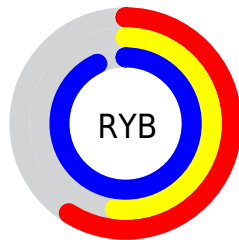
The YUV color **149.7650, 43.4999, 1.0831** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **220.2350, -43.4999, -1.0831**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8570, 27.1855, 7.1414**, and **97.1730, 41.3267, -1.9057** is the 20% darker color. If you saturate the color by 10%, you get **129.6970, 53.3934, 1.1427**, and if you desaturate by 10%, it is **169.8330, 33.6063, 1.0235**.

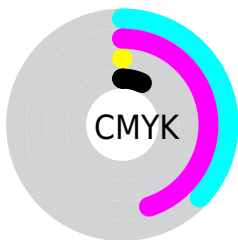
Distribution



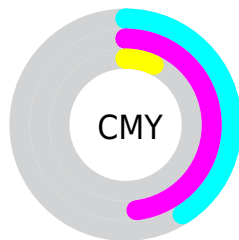
- Red (59%)
- Green (52%)
- Blue (93%)



- Red (59%)
- Yellow (52%)
- Blue (93%)



- Cyan (37%)
- Magenta (45%)
- Yellow (0%)
- Black (7%)



- Cyan (41%)
- Magenta (48%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7650, 43.4999, 1.0831 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 149.7650, 43.4999, 1.0831 by changing the saturation by 10% instead.

■ 149.7650, 43.4999,
1.0831

■ 149.7650, 43.4999,
1.0831

255.0000, 0.0000,
0.0000

■ 123.4120, 42.1949,
-0.3613

■ 199.8570, 27.1855,
7.1414

■ 97.1730, 41.3267,
-1.9057

■ 224.9640, 14.8077,
10.5556

■ 72.2220, 40.3166,
-4.5797

■ 247.3690, 3.7621,
6.6924

■ 47.3740, 39.7486,
-9.0980

■ 21.0200, 39.9231,
-18.4345

■ 8.7780, 33.6334,
-7.6983

■ 9.0910, 22.1401,

-7.9728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 149.7650, 43.4999,
1.0831

■ 149.7650, 43.4999,
1.0831

■ 129.6970, 53.3934,
1.1427

■ 169.8330, 33.6063,
1.0235

■ 109.9280, 63.1395,
1.8171

■ 189.6020, 23.8602,
0.3490

■ 90.4470, 72.7436,
1.3620

■ 209.0830, 14.2561,
0.8042

■ 70.6780, 82.4897,
2.0364

■ 228.8520, 4.5100,
0.1298

■ 50.6100, 92.3833,
2.0960

■ 248.9200, -5.3836,
0.0702

■ 39.9890, 97.6194,
2.6406

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



118.0660, 66.5225, -103.5439



149.7650, 43.4999, 1.0831



150.3560, 23.9815, 54.9388

Triad

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



149.7650, 43.4999, 1.0831



143.2890, -45.0055, 62.0135



117.8360, 14.8709, -103.3422

Complementary

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



149.7650, 43.4999, 1.0831



220.2350, -43.4999, -1.0831

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.



117.6930, -11.6806, -80.4148



149.7650, 43.4999, 1.0831



140.2080, -55.8115, 27.8816

Square

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



149.7650, 43.4999, 1.0831



143.9260, -24.1205, 83.3799



134.7880, -42.2935, -14.7231



123.8780, 38.0211, -108.6410

Rectangle

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



149.7650, 43.4999, 1.0831



147.1880, 8.7813, 77.0111



134.7880, -42.2935, -14.7231



115.7840, 7.0085, -101.5426

Sweetspot

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



149.7650, 43.4999, 1.0831



227.5560, 13.5299, 0.3894



195.7400, 20.8342, -55.9000



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.



149.7650, 43.4999, 1.0831



142.5660, 55.4300, 1.2576



165.3130, 35.8347, 33.0515



109.9660, 4.9468, 0.0298



30.8430, 75.5064, 1.8917



9.3740, 22.9866, 0.5490

Inverse Universe

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



173.6120, 22.3763, 56.4683



173.0190, 28.5846, 71.8973



204.6870, -35.8347, -33.0515



112.7280, 2.5991, 6.3775



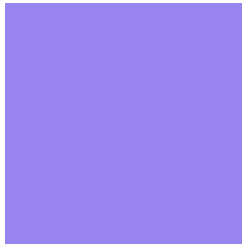
72.2300, 38.8336, 98.0223



21.9880, 11.8379, 29.8285

Previews

White Background



This preview shows how the YUV color 149.7650, 43.4999, 1.0831 looks on a white background.

Color Contrast Check

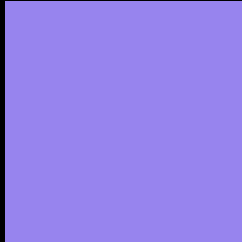
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.7650, 43.4999, 1.0831 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 149.7650, 43.4999, 1.0831

Background



This preview shows how black text looks on a background with the YUV color 149.7650, 43.4999, 1.0831.



This preview shows how white text looks on a background with the YUV color 149.7650, 43.4999,

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

149.7650, 43.4999, 1.0831

Protanopia

143.4120, 52.0549, -36.3183

Deuteranopia

142.0820, 45.8086, -39.5369



Tritanopia

145.8830, 7.4527, -10.4214

Trichromacy



Original Color

149.7650, 43.4999, 1.0831

Protanomaly

145.9900, 48.8119, -22.7932

Deuteranomaly

145.2410, 44.7442, -24.7674

Tritanomaly

147.3470, 20.5349, -6.4433

Monochromacy



Original Color

149.7650, 43.4999, 1.0831

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.5390, 16.0033, 0.4043

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7650, 43.4999, 1.0831 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, 132, 238)` looks like.

```
.text, #text, p{  
    color:rgb(151, 132, 238)  
}
```

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, 132, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 132, 238) }
```

Border

The CSS property to change the border of an element to YUV 149.7650, 43.4999, 1.0831 is called "border". The border property can be set on classes, ids or directly on the HTML element.

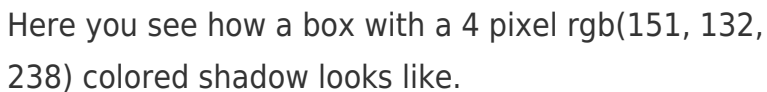
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 132, 238) }
```


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

```
.border{ border-color:rgb(151, 132, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 132, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 132, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 132, 238); box-shadow:4px 4px 4px 4px rgb(151, 132, 238) }
```

Background

The CSS property to change the background color of an element to YUV 149.7650, 43.4999, 1.0831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 132, 238) }
```

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

```
.background{ background-color: rgb(151,  
132, 238) }
```

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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