

Converting Colors

YUV(149.4910, 25.3939,
-24.9866)

Have a look what the booklet for
YUV(149.4910, 25.3939, -24.9866)
contains.

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Color

**YUV(149.4910, 25.3939,
-24.9866)**

Conversions

Conversions Part 1

Format	Color
Hex	799AC9
RGB	121, 154, 201
RGB Percent	47%, 60%, 79%
CMY	0.5255, 0.3961, 0.2118
CMYK	0.40, 0.23, 0.00, 0.21
HSL	215°, 43%, 63%
HSV	215°, 40%, 79%
XYZ	29.9834, 31.3932, 59.7375
YIQ	149.4910, -34.7550, 7.6210

Conversions

Conversions Part 2

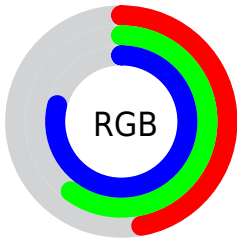
Format	Color
R _Y B	121, 144, 201
Decimal	7969481
CIE Lab	62.84, 0.55, -27.80
CIE LCh	63, 27.807, 271.133
Yxy	31.3932, 0.2476, 0.2592
Android (android.graphics.Color)	4286159561 (0xFF799AC9)
YUV	149.4910, 25.3939, -24.9866
Hunter-Lab	56.0296, -2.5304, -23.9929

Details

The YUV color $149.4910, 25.3939, -24.9866$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $172.5090, -25.3939, 24.9866$, and the grayscale version is $149.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $203.7900, 25.2465, -24.3718$, and $97.5510, 24.3784, -25.9162$ is the 20% darker color. If you saturate the color by 10%, you get $136.4670, 31.8148, -31.1046$, and if you desaturate by 10%, it is $162.5150, 18.9731, -18.8687$.

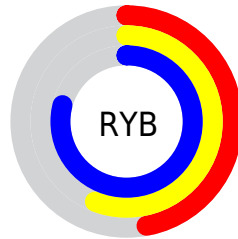
Distribution



Red (47%)

Green (60%)

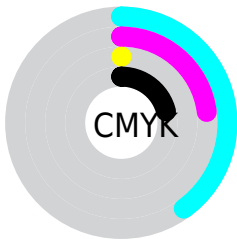
Blue (79%)



Red (47%)

Yellow (56%)

Blue (79%)

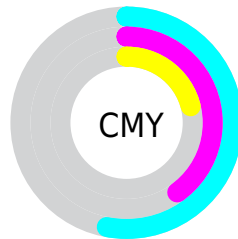


Cyan (40%)

Magenta (23%)

Yellow (0%)

Black (21%)



Cyan (53%)

Magenta (40%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4910, 25.3939, -24.9866 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 149.4910, 25.3939, -24.9866 by changing the saturation by 10% instead.

■ 149.4910, 25.3939,
-24.9866

■ 149.4910, 25.3939,
-24.9866

255.0000, 0.0000,
0.0000

■ 123.0780, 25.1045,
-25.5014

■ 203.7900, 25.2465,
-24.3718

■ 97.5510, 24.3784,
-25.9162

■ 228.5980, 13.0162,
-21.5724

■ 72.1270, 24.0944,
-28.1754

■ 248.4220, 3.2430,
-13.5251

■ 45.5990, 24.8477,
-36.4823

■ 28.7530, 21.3208,
-25.2164

■ 13.2170, 17.6410,
-11.5913

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 149.4910, 25.3939,
-24.9866

■ 149.4910, 25.3939,
-24.9866

■ 136.4670, 31.8148,
-31.1046

■ 162.5150, 18.9731,
-18.8687

■ 123.4430, 38.2356,
-37.2225

■ 175.5390, 12.5523,
-12.7507

■ 111.0060, 44.3670,
-43.8553

■ 187.9760, 6.4208,
-6.1180

■ 97.9820, 50.7879,
-49.9732

■ 201.0000, 0.0000,
0.0000

■ 84.9580, 57.2087,
-56.0912

■ 214.3230, -6.5682,
6.7327

■ 71.6350, 63.7769,
-62.8239

■ 227.3470,
-12.9891, 12.8507

■ 238.2780,
-18.3781, 14.6652

■ 244.7350,
-21.5614, 9.0024

■ 248.8440,
-23.5871, 5.3988

Harmonies

Analogous

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



142.7500, 25.7593, -48.8927



149.4910, 25.3939, -24.9866



154.1740, 19.6342, 2.4784

Triad

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



149.4910, 25.3939, -24.9866



154.2240, -12.9284, 40.1456



143.9460, -8.3544, -27.1396

Complementary

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



149.4910, 25.3939, -24.9866



172.5090, -25.3939, 24.9866

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.



147.6300, -19.0446, -4.9375



149.4910, 25.3939, -24.9866



152.4050, -20.9057, 32.0938

Square

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



149.4910, 25.3939, -24.9866



155.4870, -1.7191, 38.1609



150.6110, -23.4722, 15.2502



140.4840, 5.6774, -47.7825

Rectangle

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



149.4910, 25.3939, -24.9866



155.6660, 13.4757, 17.8329



150.6110, -23.4722, 15.2502



145.5510, -12.5966, -19.7772

Sweetspot

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



149.4910, 25.3939, -24.9866



235.1650, 9.7787, -9.7917



173.3180, -2.6218, -45.8829



116.1610, 5.8366, -5.4032



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.



149.4910, 25.3939, -24.9866



176.2580, 38.8198, -37.9373



132.2130, 33.9120, -3.6948



93.3740, 2.7736, -2.9590



57.9110, 51.8089, -50.7879



12.9090, 11.3839, -11.3212

Inverse Universe

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



148.6820, 2.6218, 45.8829



175.1780, 3.8562, 70.0039



189.7870, -33.9120, 3.6948



93.1470, 0.4205, 5.1331



56.3750, 5.2381, 93.5101



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 149.4910, 25.3939, -24.9866 looks on a white background.

Color Contrast Check

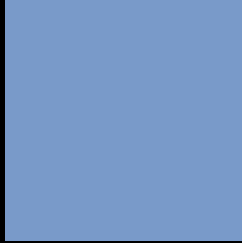
Large Text (above 18pt) WCAG AA × Fail

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 149.4910, 25.3939, -24.9866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

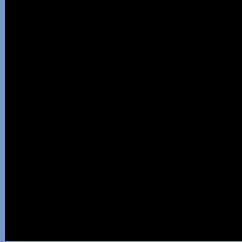
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

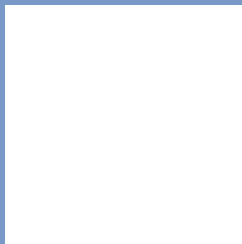
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.4910, 25.3939, -24.9866

Background



This preview shows how black text looks on a background with the YUV color 149.4910, 25.3939, -24.9866.

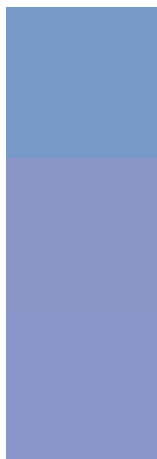


This preview shows how white text looks on a background with the YUV color 149.4910, 25.3939, -24.9866.

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

149.4910, 25.3939, -24.9866

Protanopia

152.1830, 22.5878, -11.5615

Deuteranopia

151.7530, 24.7718, -12.0614



Tritanopia

147.0270, 12.3117, -28.9647

Trichromacy



Original Color

149.4910, 25.3939, -24.9866

Protanomaly

150.7910, 23.7670, -16.4797

Deuteranomaly

151.1330, 25.0774, -16.7796

Tritanomaly

148.0040, 17.2530, -27.1905

Monochromacy



Original Color

149.4910, 25.3939, -24.9866

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.3500, 9.1944, -9.0770

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4910, 25.3939, -24.9866 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(121, 154, 201)` looks like.

```
.text, #text, p{  
    color:rgb(121, 154, 201)  
}
```

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(121, 154, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 154, 201) }
```

Border

The CSS property to change the border of an element to YUV 149.4910, 25.3939, -24.9866 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(121, 154, 201) }
```


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

```
.border{ border-color:rgb(121, 154, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 154, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 154, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 154, 201);  
box-shadow:4px 4px 4px 4px rgb(121, 154,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 149.4910, 25.3939, -24.9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 154, 201) }
```

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

```
.background{ background-color: rgb(121,  
154, 201) }
```

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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