

Converting Colors

YUV(148.9810, 29.0964, 0.8937)

Have a look what the booklet for
YUV(148.9810, 29.0964, 0.8937)
contains.

YUV(148.9810, 29.0964, 0.8937)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(148.9810, 29.0964,
0.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	9689D0
RGB	150, 137, 208
RGB Percent	59%, 54%, 82%
CMY	0.4118, 0.4627, 0.1843
CMYK	0.28, 0.34, 0.00, 0.18
HSL	251°, 43%, 68%
HSV	251°, 34%, 82%
XYZ	32.9085, 28.9294, 63.5240
YIQ	148.9810, -15.0430, 24.8370

Conversions

Conversions Part 2

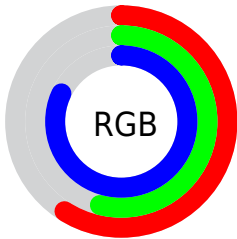
Format	Color
R_{YB}	150, 137, 208
Decimal	9865680
CIE _{Lab}	60.72, 20.41, -34.84
CIE _{LCh}	61, 40.381, 300.360
Yxy	28.9294, 0.2625, 0.2308
Android (android.graphics.Color)	4288055760 (0xFF9689D0)
YUV	148.9810, 29.0964, 0.8937
Hunter-Lab	53.7861, 15.0879, -32.3741

Details

The YUV color $148.9810, 29.0964, 0.8937$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $196.0190, -29.0964, -0.8937$, and the grayscale version is $149.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $201.8950, 26.1808, 2.7231$, and $97.5140, 27.3546, -0.4508$ is the 20% darker color. If you saturate the color by 10%, you get $131.5710, 37.6795, 1.2532$, and if you desaturate by 10%, it is $166.3910, 20.5132, 0.5341$.

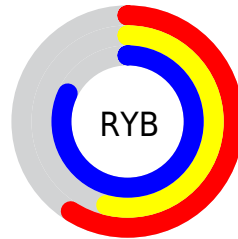
Distribution



Red (59%)

Green (54%)

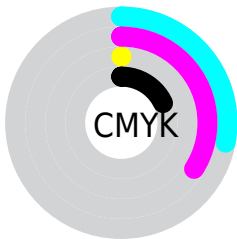
Blue (82%)



Red (59%)

Yellow (54%)

Blue (82%)

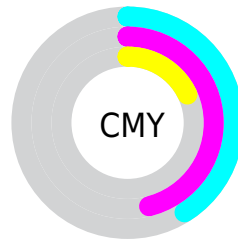


Cyan (28%)

Magenta (34%)

Yellow (0%)

Black (18%)



Cyan (41%)

Magenta (46%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.9810, 29.0964, 0.8937 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 148.9810, 29.0964, 0.8937 by changing the saturation by 10% instead.

■ 148.9810, 29.0964,
0.8937

■ 148.9810, 29.0964,
0.8937

■ 255.0000, 0.0000,
0.0000

■ 123.0410, 28.0808,
-0.0360

■ 201.8950, 26.1808,
2.7231

■ 97.5140, 27.3546,
-0.4508

■ 227.0020, 13.8030,
6.1372

■ 73.5740, 26.3390,
-1.3804

■ 250.3040, 2.3151,
4.1184

■ 50.0360, 25.6183,
-3.5396

■ 26.7860, 24.7555,
-6.8283

■ 6.1560, 23.5871,
-5.3988

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 148.9810, 29.0964,
0.8937

■ 148.9810, 29.0964,
0.8937

■ 131.5710, 37.6795,
1.2532

■ 166.3910, 20.5132,
0.5341

■ 114.1610, 46.2626,
1.6128

■ 183.8010, 11.9301,
0.1745

■ 97.3380, 54.5564,
1.4576

■ 200.6240, 3.6364,
0.3298

■ 79.9280, 63.1395,
1.8171

■ 218.0340, -4.9468,
-0.0298

■ 62.5180, 71.7226,
2.1767

■ 235.4440,
-13.5299, -0.3894

■ 45.1080, 80.3058,
2.5363

■ 248.7450,
-20.0873, 2.8546

■ 35.0740, 85.2525,
2.5661

■ 249.6420,
-20.5295, 4.6990

Harmonies

Analogous

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



139.3990, 38.2573, -44.1999



148.9810, 29.0964, 0.8937



150.6450, 15.4580, 35.3913

Triad

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



148.9810, 29.0964, 0.8937



146.0770, -30.1110, 44.6595



113.7980, 15.8756, -98.9238

Complementary

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



148.9810, 29.0964, 0.8937



196.0190, -29.0964, -0.8937

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.



133.6470, -11.6580, -40.9094



148.9810, 29.0964, 0.8937



143.7830, -34.4030, 21.2383

Square

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



148.9810, 29.0964, 0.8937



147.4820, -17.4926, 57.4593



139.6160, -27.9117, -7.5562



116.9020, 31.6003, -102.5231

Rectangle

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



148.9810, 29.0964, 0.8937



149.9860, 4.9369, 50.0013



139.6160, -27.9117, -7.5562



125.1840, 3.8533, -69.4444

Sweetspot

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



148.9810, 29.0964, 0.8937



234.0460, 10.3303, -0.0403



179.7270, 13.9386, -37.4716



114.7210, 6.5465, 0.2447



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.



148.9810, 29.0964, 0.8937



167.9500, 42.9157, 1.7979



159.1470, 24.0845, 21.7961



95.8520, 4.5100, 0.1298



28.4210, 68.8124, 2.2618



6.7670, 16.8769, 0.2043

Inverse Universe

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



164.8410, 14.8684, 37.8504



191.1990, 22.0869, 55.9535



185.8530, -24.0845, -21.7961



98.3150, 2.3097, 5.8627



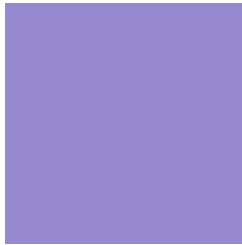
65.8500, 35.0770, 89.5856



16.0210, 8.3706, 21.9066

Previews

White Background



This preview shows how the YUV color 148.9810, 29.0964, 0.8937 looks on a white background.

Color Contrast Check

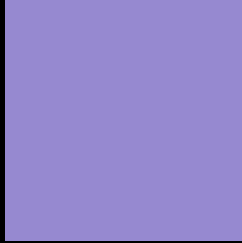
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.9810, 29.0964, 0.8937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

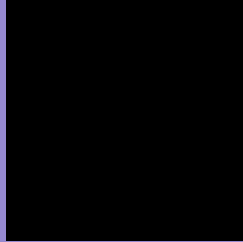
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.9810, 29.0964, 0.8937

Background



This preview shows how black text looks on a background with the YUV color 148.9810, 29.0964, 0.8937.



This preview shows how white text looks on a background with the YUV color 148.9810, 29.0964,

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

148.9810, 29.0964, 0.8937

Protanopia

146.0000, 33.5240, -19.2940

Deuteranopia

145.9740, 29.5928, -18.3942



Tritanopia

146.2750, 6.2734, -5.5032

Trichromacy



Original Color

148.9810, 29.0964, 0.8937

Protanomaly

146.7020, 32.1919, -12.0167

Deuteranomaly

147.0180, 29.5711, -11.4168

Tritanomaly

147.1750, 14.7037, -2.7845

Monochromacy



Original Color

148.9810, 29.0964, 0.8937

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0460, 10.3303, -0.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.9810, 29.0964, 0.8937 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(150, 137, 208)` looks like.

```
.text, #text, p{  
    color:rgb(150, 137, 208)  
}
```

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(150, 137, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 137, 208) }
```

Border

The CSS property to change the border of an element to YUV 148.9810, 29.0964, 0.8937 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(150, 137, 208) }
```


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

```
.border{ border-color:rgb(150, 137, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 137, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 137, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 137, 208);  
box-shadow:4px 4px 4px 4px rgb(150, 137,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 148.9810, 29.0964, 0.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 137, 208) }
```

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

```
.background{ background-color: rgb(150,  
137, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor