

Converting Colors

YUV(90.9810, 29.0964, 0.8937)

Have a look what the booklet for
YUV(90.9810, 29.0964, 0.8937)
contains.

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Color

**YUV(90.9810, 29.0964,
0.8937)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5C4F96 |
| RGB | 92, 79, 150 |
| RGB Percent | 36%, 31%, 59% |
| CMY | 0.6392, 0.6902, 0.4118 |
| CMYK | 0.39, 0.47, 0.00, 0.41 |
| HSL | 251°, 31%, 45% |
| HSV | 251°, 47%, 59% |
| XYZ | 12.7146, 10.0693, 30.1276 |
| YIQ | 90.9810, -15.0430, 24.8370 |

Conversions

Conversions Part 2

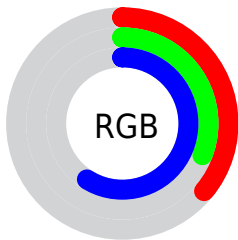
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 92, 79, 150 |
| Decimal | 6049686 |
| CIE _{Lab} | 37.97, 23.10, -37.28 |
| CIE _{LCh} | 38, 43.858, 301.786 |
| Yxy | 10.0693, 0.2403, 0.1903 |
| Android (android.graphics.Color) | 4284239766 (0xFF5C4F96) |
| YUV | 90.9810, 29.0964, 0.8937 |
| Hunter-Lab | 31.7321, 15.9913, -34.0795 |

Details

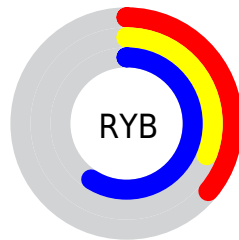
The YUV color **90.9810, 29.0964, 0.8937** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138.0190, -29.0964, -0.8937**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8610, 31.1275, 2.7529**, and **43.2040, 27.5074, -2.8099** is the 20% darker color. If you saturate the color by 10%, you get **78.5880, 35.2061, 1.2383**, and if you desaturate by 10%, it is **103.3740, 22.9866, 0.5490**.

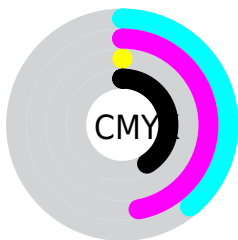
Distribution



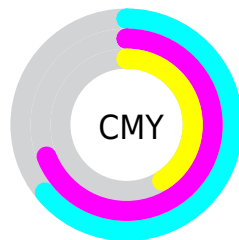
- Red (36%)
- Green (31%)
- Blue (59%)



- Red (36%)
- Yellow (31%)
- Blue (59%)



- Cyan (39%)
- Magenta (47%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (69%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.9810, 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 90.9810, 29.0964, 0.8937 by changing the saturation by 10% instead.

90.9810, 29.0964,
0.8937

90.9810, 29.0964,
0.8937

255.0000, 0.0000,
0.0000

66.7420, 28.2282,
-0.6507

141.8610, 31.1275,
2.7529

43.2040, 27.5074,
-2.8099

168.3880, 31.8537,
3.1677

19.9430, 26.6501,
-7.8430

195.1170, 29.5223,
4.2824

5.8140, 22.2767,
-5.0989

220.2240, 17.1446,
7.6966

4.4800, 12.0884,
-3.9290

244.4340, 5.2090,
9.2664

0.0000, 0.0000,
0.0000

90.9810, 29.0964,
0.8937

90.9810, 29.0964,
0.8937

78.5880, 35.2061,
1.2383

103.3740, 22.9866,
0.5490

65.8960, 41.4633,
0.9682

116.0660, 16.7295,
0.8191

53.5030, 47.5730,
1.3129

128.4590, 10.6197,
0.4745

41.1100, 53.6828,
1.6575

140.8520, 4.5100,
0.1298

28.7170, 59.7925,
2.0022

153.2450, -1.5998,
-0.2149


25.1730, 61.5397,
1.6023

165.9370, -7.8569,
0.0553

178.3300,
-13.9667, -0.2894

190.7230,

-20.0764, -0.6341

 203.1160,
-26.1862, -0.9787

Harmonies

Analogous

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



72.8310, 42.9743, -63.8728



90.9810, 29.0964, 0.8937



91.1830, 16.1788, 37.5505

Triad

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



90.9810, 29.0964, 0.8937



86.6420, -30.3895, 40.6560



72.4820, 8.6364, -63.5667

Complementary

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



90.9810, 29.0964, 0.8937



138.0190, -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.



67.2040, -6.5096, -58.9379



90.9810, 29.0964, 0.8937



83.7350, -38.3234, 18.6494

Square

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



90.9810, 29.0964, 0.8937



86.8130, -16.1768, 55.4150



80.7790, -28.4850, -10.3302



76.5860, 24.3611, -67.1659

Rectangle

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



90.9810, 29.0964, 0.8937



88.6380, 6.0945, 52.0605



80.7790, -28.4850, -10.3302



70.5270, 3.6842, -61.8522

Sweetspot

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



90.9810, 29.0964, 0.8937



171.5730, 11.0565, 0.3745



121.7270, 13.9386, -37.4716



82.8350, 6.9833, 0.1447



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.9810, 29.0964, 0.8937



101.9330, 45.3890, 1.8128



101.1470, 24.0845, 21.7961



68.0970, 2.9102, -0.0851



23.2070, 56.5929, 1.5725



1.7380, 4.0732, 0.2298

Inverse Universe

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



106.8410, 14.8684, 37.8504



126.5630, 23.3864, 59.1422



127.8530, -24.0845, -21.7961



69.7770, 1.5889, 3.7036



54.0300, 28.5792, 73.6417



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 90.9810, 29.0964, 0.8937 looks on a white 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

Black Background



This preview shows how the YUV color 90.9810, 29.0964, 0.8937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

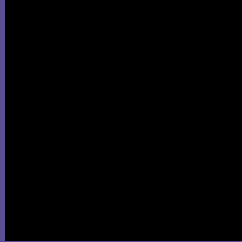
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.9810, 29.0964, 0.8937

Background



This preview shows how black text looks on a background with the YUV color 90.9810, 29.0964, 0.8937.



This preview shows how white text looks on a background with the YUV color 90.9810, 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

90.9810, 29.0964, 0.8937

Protanopia

86.1240, 35.4349, -25.5417

Deuteranopia

85.2500, 30.9357, -29.1603



Tritanopia

88.5090, 4.6791, -7.4624

Trichromacy



Original Color

90.9810, 29.0964, 0.8937

Protanomaly

87.9080, 33.0764, -15.7053

Deuteranomaly

87.5010, 30.3190, -17.9794

Tritanomaly

89.5230, 13.5462, -4.8437

Monochromacy



Original Color

90.9810, 29.0964, 0.8937

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0460, 10.3303, -0.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9810, 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(92, 79, 150)` looks like.

```
.text, #text, p{  
    color:rgb(92, 79, 150)  
}
```

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(92, 79, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 79, 150) }
```

Border

The CSS property to change the border of an element to YUV 90.9810, 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(92, 79, 150) }
```


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

```
.border{ border-color:rgb(92, 79, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 79, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 79, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 79, 150);  
box-shadow:4px 4px 4px 4px rgb(92, 79,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 90.9810, 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(92, 79, 150) }
```

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

```
.background{ background-color: rgb(92, 79,  
150) }
```

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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