

Converting Colors

YUV(74.8230, 18.8213, 29.9732)

Have a look what the booklet for
YUV(74.8230, 18.8213, 29.9732)
contains.

YUV(74.8230, 18.8213, 29.9732)	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(74.8230, 18.8213,
29.9732)**

Conversions

Conversions Part 1

Format	Color
Hex	6D3271
RGB	109, 50, 113
RGB Percent	43%, 20%, 44%
CMY	0.5725, 0.8039, 0.5569
CMYK	0.04, 0.56, 0.00, 0.56
HSL	296°, 39%, 32%
HSV	296°, 56%, 44%
XYZ	10.4279, 6.7247, 16.3712
YIQ	74.8230, 14.9410, 32.1010

Conversions

Conversions Part 2

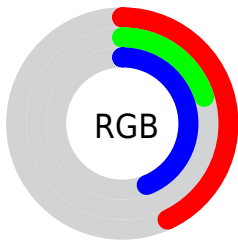
Format	Color
R_{YB}	109, 50, 113
Decimal	7156337
CIE _{Lab}	31.17, 36.04, -25.02
CIE _{LCh}	31, 43.870, 325.229
Yxy	6.7247, 0.3111, 0.2006
Android (android.graphics.Color)	4285346417 (0xFF6D3271)
YUV	74.8230, 18.8213, 29.9732
Hunter-Lab	25.9320, 26.3985, -19.2781

Details

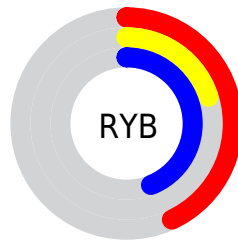
The YUV color **74.8230, 18.8213, 29.9732** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **88.1770, -18.8213, -29.9732**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.3610, 19.5420, 32.1324**, and **25.0510, 19.6949, 29.7733** is the 20% darker color. If you saturate the color by 10%, you get **68.0670, 22.1520, 35.0212**, and if you desaturate by 10%, it is **81.5790, 15.4906, 24.9252**.

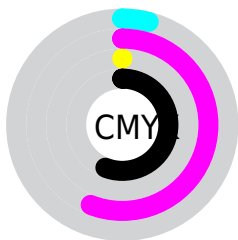
Distribution



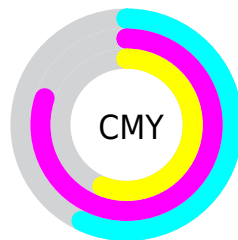
- Red (43%)
- Green (20%)
- Blue (44%)



- Red (43%)
- Yellow (20%)
- Blue (44%)



- Cyan (4%)
- Magenta (56%)
- Yellow (0%)
- Black (56%)



- Cyan (57%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8230, 18.8213, 29.9732 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 74.8230, 18.8213, 29.9732 by changing the saturation by 10% instead.

74.8230, 18.8213,
29.9732

74.8230, 18.8213,
29.9732

255.0000, 0.0000,
0.0000

50.4100, 18.5319,
29.4584

125.3610, 19.5420,
32.1324

25.0510, 19.6949,
29.7733

152.0730, 19.6840,
33.2620

16.2640, 13.1808,
19.0625

179.4860, 19.9734,
33.7768

2.8670, 8.4466,
-2.5144

207.3120, 20.5522,
34.8064

0.0000, 0.0000,
0.0000

226.8240, 13.8908,
24.7104

243.2600, 5.7878,

10.2960

■ 74.8230, 18.8213,
29.9732

■ 74.8230, 18.8213,
29.9732

■ 68.0670, 22.1520,
35.0212

■ 81.5790, 15.4906,
24.9252

■ 61.0230, 25.6247,
41.1988

■ 88.6230, 12.0179,
18.7476

■ 54.2670, 28.9554,
46.2468

■ 95.3790, 8.6872,
13.6996

■ 47.5110, 32.2861,
51.2949

■ 102.1350, 5.3564,
8.6516

■ 44.5760, 33.7330,
53.8688

■ 109.4780, 1.7363,
3.0888

■ 115.9350, -1.4470,
-2.5740

■ 122.6910, -4.7777,
-7.6220

■ 129.4470, -8.1084,
-12.6700

■ 136.4910,
-11.5811, -18.8476

Harmonies

Analogous

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



73.0720, 31.0235, -10.5871



74.8230, 18.8213, 29.9732



70.0080, 4.9261, 53.4900

Triad

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



74.8230, 18.8213, 29.9732



69.1960, -34.1136, 21.7531



63.8710, 18.7976, -56.0149

Complementary

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



74.8230, 18.8213, 29.9732



88.1770, -18.8213, -29.9732

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.



59.8810, 3.5097, -52.5156



74.8230, 18.8213, 29.9732



65.1990, -32.1431, -3.6825

Square

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



74.8230, 18.8213, 29.9732



70.1630, -27.1954, 42.8300



54.0160, -11.3469, -47.3720



65.1880, 31.4593, -57.1699

Rectangle

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



74.8230, 18.8213, 29.9732



68.2830, -5.5625, 57.6338



54.0160, -11.3469, -47.3720



62.5030, 13.5560, -54.8151

Sweetspot

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



74.8230, 18.8213, 29.9732



132.7270, 7.5296, 11.6404



59.5300, 26.3607, -8.3578



64.8960, 4.4883, 7.1072



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



74.8230, 18.8213, 29.9732



88.0930, 29.5342, 47.2764



72.9410, 6.4381, 35.1317



52.4780, 1.7363, 3.0888



47.1680, 35.9062, 56.8577



97.5260, 73.6907, 117.9337

Inverse Universe

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



69.2930, -7.5394, 38.3310



79.2850, -11.9725, 60.2631



90.0590, -6.4381, -35.1317



51.9080, -0.4476, 3.5887



36.7920, -14.1945, 72.9734



75.6770, -29.4208, 150.2503

Previews

White Background



This preview shows how the YUV color 74.8230, 18.8213, 29.9732 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 ✓ Pass

Black Background



This preview shows how the YUV color 74.8230, 18.8213, 29.9732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

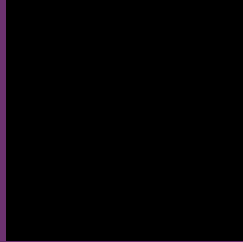
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8230, 18.8213, 29.9732

Background



This preview shows how black text looks on a background with the YUV color 74.8230, 18.8213, 29.9732.



This preview shows how white text looks on a background with the YUV color 74.8230, 18.8213,

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

74.8230, 18.8213, 29.9732

Protanopia

70.8810, 30.6247, -22.6976

Deuteranopia

73.5050, 17.4990, -12.7209



Tritanopia

74.8290, -3.8597, 24.7060

Trichromacy



Original Color

74.8230, 18.8213, 29.9732

Protanomaly

72.2640, 26.4918, -3.7395

Deuteranomaly

73.7180, 17.8870, 2.8783

Tritanomaly

75.0170, 4.4286, 26.2951

Monochromacy



Original Color

74.8230, 18.8213, 29.9732

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9010, 6.9508, 10.6108

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8230, 18.8213, 29.9732 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(109, 50, 113)` looks like.

```
.text, #text, p{  
    color:rgb(109, 50, 113)  
}
```

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(109, 50, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 50, 113) }
```

Border

The CSS property to change the border of an element to YUV 74.8230, 18.8213, 29.9732 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(109, 50, 113) }
```


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

```
.border{ border-color:rgb(109, 50, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 50, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 50, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 50, 113);  
box-shadow:4px 4px 4px 4px rgb(109, 50,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 74.8230, 18.8213, 29.9732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 50, 113) }
```

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

```
.background{ background-color: rgb(109, 50,  
113) }
```

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