

Converting Colors

YUV(101.4160, 29.3749, 4.8972)

Have a look what the booklet for
YUV(101.4160, 29.3749, 4.8972)
contains.

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Color

**YUV(101.4160, 29.3749,
4.8972)**

Conversions

Conversions Part 1

Format	Color
Hex	6B57A1
RGB	107, 87, 161
RGB Percent	42%, 34%, 63%
CMY	0.5804, 0.6588, 0.3686
CMYK	0.34, 0.46, 0.00, 0.37
HSL	256°, 30%, 49%
HSV	256°, 46%, 63%
XYZ	15.9046, 12.5154, 35.2957
YIQ	101.4160, -11.8340, 27.2540

Conversions

Conversions Part 2

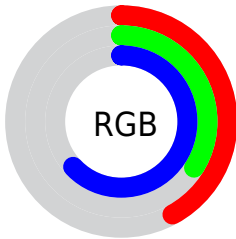
Format	Color
R_{YB}	107, 87, 161
Decimal	7034785
CIE _{Lab}	42.02, 25.42, -37.35
CIE _{LCh}	42, 45.180, 304.246
Yxy	12.5154, 0.2496, 0.1964
Android (android.graphics.Color)	4285224865 (0xFF6B57A1)
YUV	101.4160, 29.3749, 4.8972
Hunter-Lab	35.3771, 18.3390, -34.3895

Details

The YUV color **101.4160, 29.3749, 4.8972** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **146.5840, -29.3749, -4.8972**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.1820, 30.9693, 6.8564**, and **53.2370, 27.4912, 2.4232** is the 20% darker color. If you saturate the color by 10%, you get **88.4360, 35.7741, 5.7566**, and if you desaturate by 10%, it is **114.3960, 22.9758, 4.0377**.

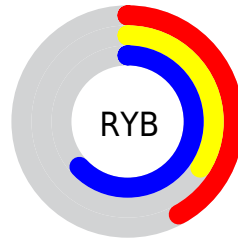
Distribution



Red (42%)

Green (34%)

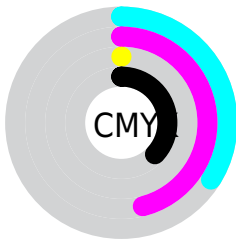
Blue (63%)



Red (42%)

Yellow (34%)

Blue (63%)

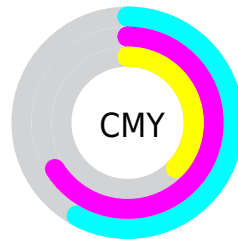


Cyan (34%)

Magenta (46%)

Yellow (0%)

Black (37%)



Cyan (58%)

Magenta (66%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.4160, 29.3749, 4.8972 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 101.4160, 29.3749, 4.8972 by changing the saturation by 10% instead.

101.4160, 29.3749,
4.8972

101.4160, 29.3749,
4.8972

255.0000, 0.0000,
0.0000

76.5900, 28.7961,
3.8676

153.1820, 30.9693,
6.8564

53.2370, 27.4912,
2.4232

180.4100, 31.8429,
6.6564

30.2860, 26.4810,
-0.2508

206.0700, 24.1225,
9.5856

8.7480, 25.7602,
-2.4100

231.1770, 11.7447,
12.9998

5.5060, 16.0195,
-4.8288

250.3040, 2.3151,
4.1184

2.2970, 6.2626,
-2.0145

0.0000, 0.0000,

0.0000

■ 101.4160, 29.3749,
4.8972

■ 101.4160, 29.3749,
4.8972

■ 88.4360, 35.7741,
5.7566

■ 114.3960, 22.9758,
4.0377

■ 75.7550, 42.0258,
7.2309

■ 127.0770, 16.7240,
2.5635

■ 62.7750, 48.4249,
8.0903

■ 140.0570, 10.3249,
1.7040

■ 49.7950, 54.8241,
8.9498

■ 153.0370, 3.9258,
0.8446

■ 36.8150, 61.2232,
9.8092

■ 166.6040, -2.7628,
-0.5297

■ 31.5100, 63.8386,
10.9537

■ 179.2850, -9.0145,
-2.0039

■ 192.2650,
-15.4136, -2.8634

■ 205.2450,
-21.8128, -3.7229

■ 218.2250,
-28.2119, -4.5823

Harmonies

Analogous

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



81.2050, 45.7479, -66.8318



101.4160, 29.3749, 4.8972



100.9770, 15.2943, 41.2392

Triad

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



101.4160, 29.3749, 4.8972



96.3710, -32.7209, 41.7706



80.5350, 11.5682, -70.6292

Complementary

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



101.4160, 29.3749, 4.8972



146.5840, -29.3749, -4.8972

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.



74.9150, -4.8881, -65.7005



101.4160, 29.3749, 4.8972



93.6100, -38.7547, 17.0050

Square

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



101.4160, 29.3749, 4.8972



97.1400, -18.8030, 57.7592



90.0560, -28.6216, -13.2041



84.0520, 27.5824, -73.7136

Rectangle

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



101.4160, 29.3749, 4.8972



98.3180, 4.7732, 55.8491



90.0560, -28.6216, -13.2041



78.4660, 6.1793, -68.8147

Sweetspot

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



101.4160, 29.3749, 4.8972



185.6980, 11.4879, 2.0189



127.1340, 16.6959, -35.1975



90.5470, 7.1253, 1.2743



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



101.4160, 29.3749, 4.8972



116.3790, 45.6622, 7.5606



112.4790, 23.9209, 27.6439



74.9230, 3.4890, 0.9445



28.1910, 57.5868, 9.4795



3.5470, 7.1253, 1.2743

Inverse Universe

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



115.2820, 12.6790, 40.0947



137.9610, 19.7392, 62.3012



135.5210, -23.9209, -27.6439



76.3750, 1.2941, 4.9331



55.4390, 24.9266, 78.5450



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 101.4160, 29.3749, 4.8972 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 101.4160, 29.3749, 4.8972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

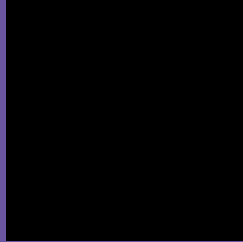
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.4160, 29.3749, 4.8972

Background



This preview shows how black text looks on a background with the YUV color 101.4160, 29.3749, 4.8972.



This preview shows how white text looks on a background with the YUV color 101.4160, 29.3749,

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

101.4160, 29.3749, 4.8972

Protanopia

96.3520, 36.3085, -25.7417

Deuteranopia

95.5600, 30.7829, -26.8011



Tritanopia

99.0150, 3.9366, -2.6442

Trichromacy



Original Color

101.4160, 29.3749, 4.8972

Protanomaly

98.1470, 33.9445, -14.1609

Deuteranomaly

97.8110, 30.1662, -15.6202

Tritanomaly

100.1430, 13.2405, -0.1254

Monochromacy



Original Color

101.4160, 29.3749, 4.8972

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1710, 10.7617, 1.6040

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.4160, 29.3749, 4.8972 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(107, 87, 161)` looks like.

```
.text, #text, p{  
    color:rgb(107, 87, 161)  
}
```

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(107, 87, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 87, 161) }
```

Border

The CSS property to change the border of an element to YUV 101.4160, 29.3749, 4.8972 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(107, 87, 161) }
```


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

```
.border{ border-color:rgb(107, 87, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 87, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 87, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 87, 161);  
box-shadow:4px 4px 4px 4px rgb(107, 87,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 101.4160, 29.3749, 4.8972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 87, 161) }
```

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

```
.background{ background-color: rgb(107, 87,  
161) }
```

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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