

Converting Colors

YUV(71.2910, 15.6325, 26.0548)

Have a look what the booklet for
YUV(71.2910, 15.6325, 26.0548)
contains.

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Color

**YUV(71.2910, 15.6325,
26.0548)**

Conversions

Conversions Part 1

Format	Color
Hex	653267
RGB	101, 50, 103
RGB Percent	40%, 20%, 40%
CMY	0.6039, 0.8039, 0.5961
CMYK	0.02, 0.51, 0.00, 0.60
HSL	298°, 35%, 30%
HSV	298°, 51%, 40%
XYZ	8.9556, 6.0272, 13.5233
YIQ	71.2910, 13.3830, 27.2950

Conversions

Conversions Part 2

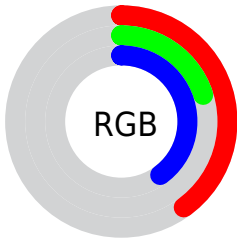
Format	Color
R_{YB}	101, 50, 103
Decimal	6632039
CIE _{Lab}	29.48, 31.48, -21.37
CIE _{LCh}	29, 38.051, 325.831
Yxy	6.0272, 0.3142, 0.2114
Android (android.graphics.Color)	4284822119 (0xFF653267)
YUV	71.2910, 15.6325, 26.0548
Hunter-Lab	24.5503, 22.1513, -15.4741

Details

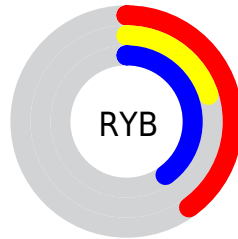
The YUV color **71.2910, 15.6325, 26.0548** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **81.7090, -15.6325, -26.0548**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4160, 16.0639, 27.6992**, and **23.1060, 16.2167, 25.3400** is the 20% darker color. If you saturate the color by 10%, you get **65.4210, 18.5264, 31.2028**, and if you desaturate by 10%, it is **77.1610, 12.7386, 20.9068**.

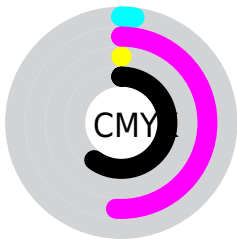
Distribution



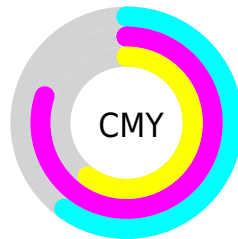
- Red (40%)
- Green (20%)
- Blue (40%)



- Red (40%)
- Yellow (20%)
- Blue (40%)



- Cyan (2%)
- Magenta (51%)
- Yellow (0%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2910, 15.6325, 26.0548 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 71.2910, 15.6325, 26.0548 by changing the saturation by 10% instead.

71.2910, 15.6325,
26.0548

71.2910, 15.6325,
26.0548

255.0000, 0.0000,
0.0000

47.5790, 15.4906,
24.9252

121.4160, 16.0639,
27.6992

23.1060, 16.2167,
25.3400

147.5410, 16.4953,
29.3435

14.0420, 9.8393,
17.5032

174.3670, 17.0741,
30.3731

0.9120, 3.4944,
-0.7998

201.7800, 17.3635,
30.8879

0.0000, 0.0000,
0.0000

225.6500, 14.4696,
25.7400

242.6730, 6.0772,

10.8108

■ 71.2910, 15.6325,
26.0548

■ 71.2910, 15.6325,
26.0548

■ 65.4210, 18.5264,
31.2028

■ 77.1610, 12.7386,
20.9068

■ 58.6650, 21.8572,
36.2508

■ 83.9170, 9.4079,
15.8588

■ 52.7950, 24.7511,
41.3988

■ 89.7870, 6.5140,
10.7108

■ 46.6260, 27.7924,
45.9320

■ 95.9560, 3.4727,
6.1776

■ 41.3430, 30.3969,
50.5652

■ 102.4130, 0.2894,
0.5148

■ 108.2830, -2.6045,
-4.6332

■ 114.4520, -5.6458,
-9.1664

■ 120.3220, -8.5397,
-14.3144

■ 126.7790,
-11.7230, -19.9772

Harmonies

Analogous

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



69.2420, 26.5027, -7.2282



71.2910, 15.6325, 26.0548



68.4970, 3.2060, 45.1681

Triad

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



71.2910, 15.6325, 26.0548



65.8690, -31.4874, 19.4089



59.4370, 17.0396, -52.1262

Complementary

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



71.2910, 15.6325, 26.0548



81.7090, -15.6325, -26.0548

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.



56.0170, 3.9356, -49.1269



71.2910, 15.6325, 26.0548



62.5780, -26.9070, -3.1379

Square

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



71.2910, 15.6325, 26.0548



67.1560, -23.2479, 36.6972



55.6090, -10.6532, -36.4911



60.9990, 28.1015, -53.4961

Rectangle

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



71.2910, 15.6325, 26.0548



66.8150, -5.8248, 48.3972



55.6090, -10.6532, -36.4911



58.4110, 13.1084, -51.2264

Sweetspot

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



71.2910, 15.6325, 26.0548



122.9610, 5.9352, 9.6812



57.8030, 22.2821, -6.8432



61.0700, 3.9095, 6.0776



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



71.2910, 15.6325, 26.0548



84.7950, 24.7511, 41.3988



69.1530, 4.8546, 29.6838



48.0650, 1.4470, 2.5740



46.0000, 34.0170, 56.1280



97.2550, 71.3593, 119.0484

Inverse Universe

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



66.0750, -6.9390, 32.3832



76.5720, -10.6350, 51.2414



83.8470, -4.8546, -29.6838



47.4950, -0.7370, 3.0739



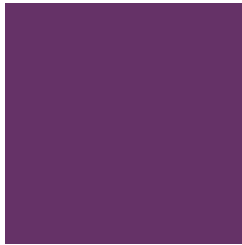
34.8410, -15.2046, 70.2994



73.3840, -31.7413, 147.8762

Previews

White Background



This preview shows how the YUV color 71.2910, 15.6325, 26.0548 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 71.2910, 15.6325, 26.0548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

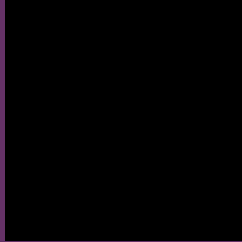
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.2910, 15.6325, 26.0548

Background



This preview shows how black text looks on a background with the YUV color 71.2910, 15.6325, 26.0548.



This preview shows how white text looks on a background with the YUV color 71.2910, 15.6325,

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

71.2910, 15.6325, 26.0548

Protanopia

67.8340, 25.2248, -17.3944

Deuteranopia

69.5440, 15.0148, -9.2471



Tritanopia

71.2200, -3.5595, 21.7321

Trichromacy



Original Color

71.2910, 15.6325, 26.0548

Protanomaly

68.7220, 21.8291, -1.5102

Deuteranomaly

70.0340, 15.2662, 3.4782

Tritanomaly

71.0660, 3.4185, 23.6211

Monochromacy



Original Color

71.2910, 15.6325, 26.0548

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9610, 5.9352, 9.6812

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2910, 15.6325, 26.0548 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(101, 50, 103)` looks like.

```
.text, #text, p{  
    color:rgb(101, 50, 103)  
}
```

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(101, 50, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 50, 103) }
```

Border

The CSS property to change the border of an element to YUV 71.2910, 15.6325, 26.0548 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(101, 50, 103) }
```


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

```
.border{ border-color:rgb(101, 50, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 50, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 50, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 50, 103);  
box-shadow:4px 4px 4px 4px rgb(101, 50,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 71.2910, 15.6325, 26.0548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 50, 103) }
```

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

```
.background{ background-color: rgb(101, 50,  
103) }
```

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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