

Converting Colors

YUV(71.4910, 5.1809, -28.4946)

Have a look what the booklet for
YUV(71.4910, 5.1809, -28.4946)
contains.

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Color

**YUV(71.4910, 5.1809,
-28.4946)**

Conversions

Conversions Part 1

Format	Color
Hex	275652
RGB	39, 86, 82
RGB Percent	15%, 34%, 32%
CMY	0.8471, 0.6627, 0.6784
CMYK	0.55, 0.00, 0.05, 0.66
HSL	175°, 38%, 25%
HSV	175°, 55%, 34%
XYZ	5.6875, 7.6961, 9.1684
YIQ	71.4910, -26.7280, -11.2080

Conversions

Conversions Part 2

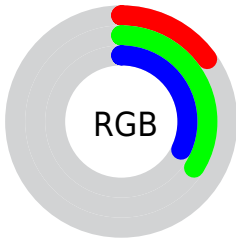
Format	Color
R_{YB}	39, 64, 86
Decimal	2578002
CIE _{Lab}	33.34, -17.11, -2.59
CIE _{LCh}	33, 17.307, 188.604
Yxy	7.6961, 0.2522, 0.3413
Android (android.graphics.Color)	4280768082 (0xFF275652)
YUV	71.4910, 5.1809, -28.4946
Hunter-Lab	27.7419, -11.9532, -0.1754




Details

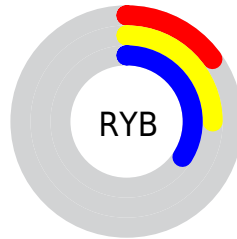
The YUV color **71.4910, 5.1809, -28.4946** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **53.5090, -5.1809, 28.4946**, and the grayscale version is **71.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **121.3770, 4.7441, -28.3946**, and **27.6980, 4.5859, -24.2911** is the 20% darker color. If you saturate the color by 10%, you get **68.6860, 6.0708, -33.9276**, and if you desaturate by 10%, it is **74.2960, 4.2911, -23.0616**.

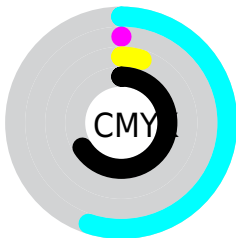
Distribution







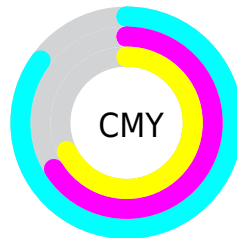
-  Red (15%)
-  Green (34%)
-  Blue (32%)






-  Red (15%)
-  Yellow (25%)
-  Blue (34%)



-  Cyan (55%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (66%)



-  Cyan (85%)
-  Magenta (66%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.4910, 5.1809, -28.4946 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 71.4910, 5.1809, -28.4946 by changing the saturation by 10% instead.

71.4910, 5.1809,
-28.4946

71.4910, 5.1809,
-28.4946

255.0000, 0.0000,
0.0000

47.2950, 5.7706,
-30.9537

121.3770, 4.7441,
-28.3946

27.6980, 4.5859,
-24.2911

147.0780, 4.8915,
-29.0094

13.6780, 1.6377,
-11.9956

174.0780, 4.8915,
-29.0094

0.0000, 0.0000,
0.0000

201.7790, 5.0390,
-29.6242

230.0670, 4.8970,
-30.7538

245.7310, 4.5696,

-19.0581

254.4020, 0.2948,
-1.2296

■ 71.4910, 5.1809,
-28.4946

■ 71.4910, 5.1809,
-28.4946

■ 68.6860, 6.0708,
-33.9276

■ 74.2960, 4.2911,
-23.0616

■ 66.2940, 7.2501,
-38.8458

■ 76.6880, 3.1118,
-18.1434

■ 63.4890, 8.1399,
-44.2789

■ 79.4930, 2.2220,
-12.7104

■ 60.9830, 8.8824,
-49.0971

■ 81.9990, 1.4795,
-7.8921

■ 59.4880, 9.6194,
-52.1710

■ 84.8040, 0.5896,
-2.4591

■ 87.4950, -0.7370,
3.0739

■ 90.0010, -1.4795,
7.8921

■ 92.8060, -2.3694,
13.3251

■ 95.3120, -3.1118,
18.1434

Harmonies

Analogous

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



73.4940, -2.7085, -17.9732



71.4910, 5.1809, -28.4946



71.1900, 11.7383, -31.7386

Triad

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



71.4910, 5.1809, -28.4946



80.2530, 9.7353, 4.1631



78.1840, -12.4157, 15.6246

Complementary

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



71.4910, 5.1809, -28.4946



53.5090, -5.1809, 28.4946

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.



79.2540, -8.5062, 21.7022



71.4910, 5.1809, -28.4946



80.8370, 4.0244, 15.9290

Square

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



71.4910, 5.1809, -28.4946



77.4900, 13.5624, -10.0767



79.8610, -2.3965, 22.0469



77.3030, -12.9674, 5.8733

Rectangle

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



71.4910, 5.1809, -28.4946



73.0810, 13.7641, -28.1350



79.8610, -2.3965, 22.0469



79.1350, -11.4056, 18.2986

Sweetspot

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



71.4910, 5.1809, -28.4946



106.5040, 2.2165, -10.9660



68.0840, -14.3384, -21.1217



52.5970, 1.1847, -6.6626



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



71.4910, 5.1809, -28.4946



89.1900, 8.2873, -44.8936



60.7940, 12.4266, -19.1133



41.8040, 0.5896, -2.4591



73.9810, 11.8414, -64.8813



162.4550, 25.9047, -142.4730

Inverse Universe

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



53.5090, -5.1809, 28.4946



60.8100, -8.2873, 44.8936



64.2060, -12.4266, 19.1133



40.1960, -0.5896, 2.4591



33.0190, -11.8414, 64.8813



72.5450, -25.9047, 142.4730

Previews

White Background



This preview shows how the YUV color 71.4910, 5.1809, -28.4946 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 71.4910, 5.1809, -28.4946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

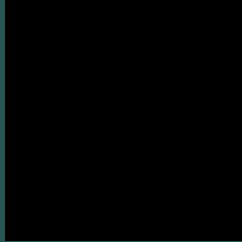
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.4910, 5.1809, -28.4946

Background



This preview shows how black text looks on a background with the YUV color 71.4910, 5.1809, -28.4946.



This preview shows how white text looks on a background with the YUV color 71.4910, 5.1809, -28.4946.

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

71.4910, 5.1809, -28.4946

Protanopia

78.4840, -0.7316, 1.3295

Deuteranopia

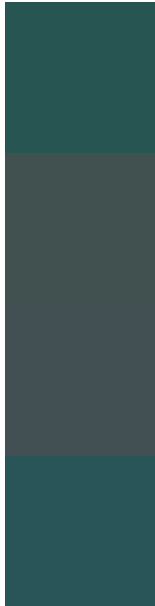
79.0050, 2.4625, 3.5036



Tritanopia

72.8270, 8.9593, -27.0353

Trichromacy



Original Color

71.4910, 5.1809, -28.4946

Protanomaly

75.9880, 1.4849, -9.6365

Deuteranomaly

76.4550, 3.2267, -8.2920

Tritanomaly

72.1860, 7.7963, -27.3501

Monochromacy



Original Color

71.4910, 5.1809, -28.4946

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8030, 2.0691, -10.3512

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.4910, 5.1809, -28.4946 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(39, 86, 82)` looks like.

```
.text, #text, p{  
    color:rgb(39, 86, 82)  
}
```

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(39, 86, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 86, 82) }
```

Border

The CSS property to change the border of an element to YUV 71.4910, 5.1809, -28.4946 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(39, 86, 82) }
```


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

```
.border{ border-color:rgb(39, 86, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 86, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 86, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 86, 82);  
box-shadow:4px 4px 4px 4px rgb(39, 86, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.4910, 5.1809, -28.4946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 86, 82) }
```

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

```
.background{ background-color: rgb(39, 86,  
82) }
```

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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