

Converting Colors

YUV(70.9150, 2.5069, 36.0315)

Have a look what the booklet for
YUV(70.9150, 2.5069, 36.0315)
contains.

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Color

**YUV(70.9150, 2.5069,
36.0315)**

Conversions

Conversions Part 1

Format	Color
Hex	70314C
RGB	112, 49, 76
RGB Percent	44%, 19%, 30%
CMY	0.5608, 0.8078, 0.7020
CMYK	0.00, 0.56, 0.32, 0.56
HSL	334°, 39%, 32%
HSV	334°, 56%, 44%
XYZ	9.0849, 6.1632, 7.5483
YIQ	70.9150, 28.8810, 21.7530

Conversions

Conversions Part 2

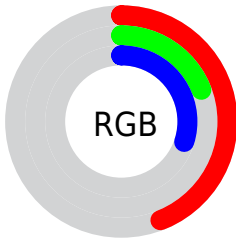
Format	Color
R_{YB}	112, 49, 76
Decimal	7352652
CIE _{Lab}	29.82, 31.11, -3.16
CIE _{LCh}	30, 31.269, 354.202
Yxy	6.1632, 0.3985, 0.2704
Android (android.graphics.Color)	4285542732 (0xFF70314C)
YUV	70.9150, 2.5069, 36.0315
Hunter-Lab	24.8257, 21.8765, -0.6491

Details

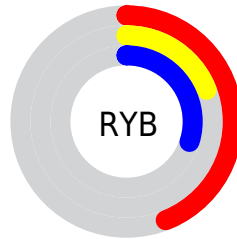
The YUV color **70.9150, 2.5069, 36.0315** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **90.0850, -2.5069, -36.0315**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4100, 1.7699, 39.1054**, and **21.8870, 4.9857, 34.3021** is the 20% darker color. If you saturate the color by 10%, you get **63.7740, 3.0694, 42.2942**, and if you desaturate by 10%, it is **78.0560, 1.9444, 29.7689**.

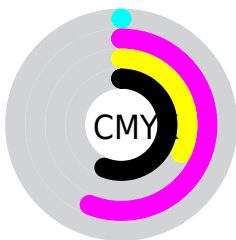
Distribution



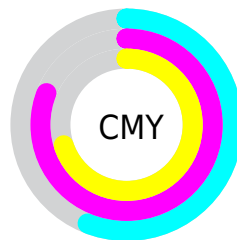
- Red (44%)
- Green (19%)
- Blue (30%)



- Red (44%)
- Yellow (19%)
- Blue (30%)



- Cyan (0%)
- Magenta (56%)
- Yellow (32%)
- Black (56%)



- Cyan (56%)
- Magenta (81%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.9150, 2.5069, 36.0315 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 70.9150, 2.5069, 36.0315 by changing the saturation by 10% instead.

70.9150, 2.5069,
36.0315

70.9150, 2.5069,
36.0315

255.0000, 0.0000,
0.0000

46.4310, 3.2385,
34.7020

121.4100, 1.7699,
39.1054

21.8870, 4.9857,
34.3021

147.4210, 1.7644,
40.8498

13.4700, -2.6967,
25.0208

174.6060, 1.1802,
41.5645

0.0000, 0.0000,
0.0000

202.3180, 1.3222,
42.6941

223.1420, 4.8600,
27.9395

242.0860, 6.3666,

11.3256

■ 70.9150, 2.5069,
36.0315

■ 70.9150, 2.5069,
36.0315

■ 63.7740, 3.0694,
42.2942

■ 78.0560, 1.9444,
29.7689

■ 56.5190, 3.1951,
48.6568

■ 85.3110, 1.8187,
23.4063

■ 48.7910, 4.0470,
55.4343

■ 93.0390, 0.9668,
16.6288

■ 41.5360, 4.1728,
61.7969

■ 100.2940, 0.8411,
10.2662

■ 38.9600, 4.4567,
64.0561

■ 107.4350, 0.2785,
4.0035

■ 114.5760, -0.2840,
-2.2592

■ 121.8310, -0.4097,
-8.6218

■ 129.5590, -1.2616,
-15.3992

■ 136.8140, -1.3873,
-21.7619

Harmonies

Analogous

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



72.5630, 13.0334, 19.6772



70.9150, 2.5069, 36.0315



69.6630, -8.7079, 39.7605

Triad

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



70.9150, 2.5069, 36.0315



65.7830, -21.0920, -1.5637



59.3860, 24.4597, -52.0815

Complementary

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



70.9150, 2.5069, 36.0315



90.0850, -2.5069, -36.0315

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.



58.2800, 15.1450, -51.1116



70.9150, 2.5069, 36.0315



61.8000, -10.2544, -24.3806

Square

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



70.9150, 2.5069, 36.0315



67.8070, -24.0619, 17.7093



55.5440, 4.6618, -48.7121



56.8900, 30.1272, -49.8925

Rectangle

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



70.9150, 2.5069, 36.0315



69.3930, -15.9697, 35.6123



55.5440, 4.6618, -48.7121



59.4030, 21.9863, -52.0964

Sweetspot

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



70.9150, 2.5069, 36.0315



129.3160, 0.8302, 13.7549



66.9460, 22.2116, 15.8334



64.1690, 0.4097, 8.6218



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.



70.9150, 2.5069, 36.0315



81.0900, 3.8996, 56.0491



70.1850, -10.4442, 36.6718



52.1360, 0.4260, 3.3887



41.6940, 4.5879, 68.6744



85.9370, 9.8911, 141.2523

Inverse Universe

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



70.9150, 2.5069, 36.0315



81.0900, 3.8996, 56.0491



90.8150, 10.4442, -36.6718



52.1360, 0.4260, 3.3887



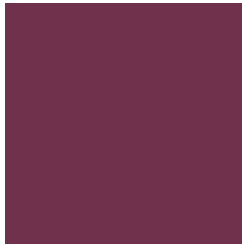
41.6940, 4.5879, 68.6744



85.9370, 9.8911, 141.2523

Previews

White Background



This preview shows how the YUV color 70.9150, 2.5069, 36.0315 looks on a white background.

Color Contrast Check

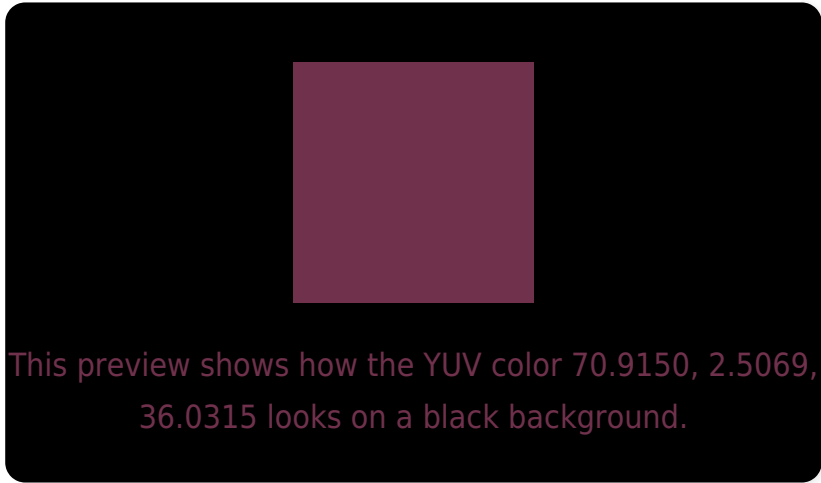
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

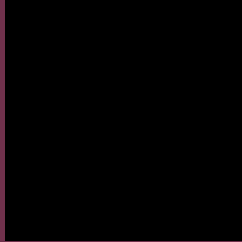
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.9150, 2.5069, 36.0315

Background



This preview shows how black text looks on a background with the YUV color 70.9150, 2.5069, 36.0315.



This preview shows how white text looks on a background with the YUV color 70.9150, 2.5069,

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

70.9150, 2.5069, 36.0315

Protanopia

71.0840, 9.3256, -4.4587

Deuteranopia

71.8480, 0.5679, 4.5183



Tritanopia

70.4990, -6.6550, 34.6424

Trichromacy



Original Color

70.9150, 2.5069, 36.0315

Protanomaly

70.9010, 6.9508, 10.6108

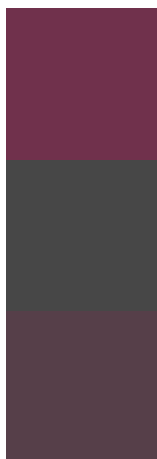
Deuteranomaly

71.7400, 1.1142, 16.0140

Tritanomaly

71.0090, -3.4554, 35.0721

Monochromacy



Original Color

70.9150, 2.5069, 36.0315

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0170, 0.9776, 13.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9150, 2.5069, 36.0315 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(112, 49, 76)` looks like.

```
.text, #text, p{  
    color:rgb(112, 49, 76)  
}
```

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(112, 49, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 49, 76) }
```

Border

The CSS property to change the border of an element to YUV 70.9150, 2.5069, 36.0315 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(112, 49, 76) }
```


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

```
.border{ border-color:rgb(112, 49, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 49, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 49, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 49, 76);  
box-shadow:4px 4px 4px 4px rgb(112, 49,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 70.9150, 2.5069, 36.0315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 49, 76) }
```

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

```
.background{ background-color: rgb(112, 49,  
76) }
```

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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