

Converting Colors

YUV(59.9860, 4.9369, 50.0013)

Have a look what the booklet for
YUV(59.9860, 4.9369, 50.0013)
contains.

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Color

**YUV(59.9860, 4.9369,
50.0013)**

Conversions

Conversions Part 1

Format	Color
Hex	751D46
RGB	117, 29, 70
RGB Percent	46%, 11%, 27%
CMY	0.5412, 0.8863, 0.7255
CMYK	0.00, 0.75, 0.40, 0.54
HSL	332°, 60%, 29%
HSV	332°, 75%, 46%
XYZ	8.8810, 5.1028, 6.3112
YIQ	59.9860, 39.2870, 31.4070

Conversions

Conversions Part 2

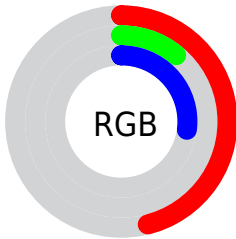
Format	Color
R_{YB}	117, 29, 70
Decimal	7675206
CIE _{Lab}	27.03, 41.43, -3.22
CIE _{LCh}	27, 41.557, 355.558
Yxy	5.1028, 0.4376, 0.2514
Android (android.graphics.Color)	4285865286 (0xFF751D46)
YUV	59.9860, 4.9369, 50.0013
Hunter-Lab	22.5895, 30.6452, -0.7523

Details

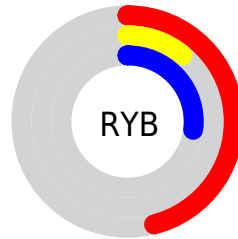
The YUV color **59.9860, 4.9369, 50.0013** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **86.0140, -4.9369, -50.0013**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.4270, 2.7475, 52.2455**, and **22.2140, 2.3595, 36.6463** is the 20% darker color. If you saturate the color by 10%, you get **52.2580, 5.7888, 56.7787**, and if you desaturate by 10%, it is **67.7140, 4.0850, 43.2238**.

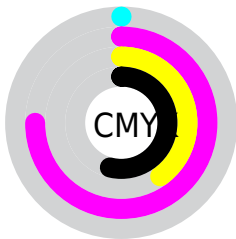
Distribution



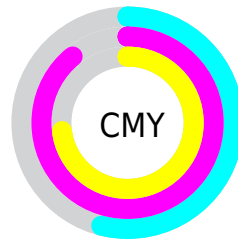
- Red (46%)
- Green (11%)
- Blue (27%)



- Red (46%)
- Yellow (11%)
- Blue (27%)



- Cyan (0%)
- Magenta (75%)
- Yellow (40%)
- Black (54%)



- Cyan (54%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.9860, 4.9369, 50.0013 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 59.9860, 4.9369, 50.0013 by changing the saturation by 10% instead.

■ 59.9860, 4.9369,
50.0013

■ 59.9860, 4.9369,
50.0013

■ 255.0000, 0.0000,
0.0000

■ 32.3820, 7.6997,
50.5310

■ 112.4270, 2.7475,
52.2455

■ 22.2140, 2.3595,
36.6463

■ 139.3240, 2.3053,
54.0899

■ 12.3730, -5.6069,
25.1059

■ 166.2210, 1.8630,
55.9342

■ 0.0000, 0.0000,
0.0000

■ 193.2100, 1.8685,
54.1898

■ 212.2510, 6.2853,
37.4909

■ 232.5800, 10.5601,

19.6623

249.7170, 2.6045,
4.6332

59.9860, 4.9369,
50.0013

59.9860, 4.9369,
50.0013

52.2580, 5.7888,
56.7787

67.7140, 4.0850,
43.2238

45.1170, 6.3513,
63.0414

74.8550, 3.5225,
36.9612

41.2530, 6.7773,
66.4301

82.6970, 3.1074,
30.0837

90.4250, 2.2555,
23.3063

98.1530, 1.4036,
16.5288

■ 105.2940, 0.8411,
10.2662

■ 113.1360, 0.4260,
3.3887

■ 120.8640, -0.4260,
-3.3887

■ 128.0050, -0.9885,
-9.6514

Harmonies

Analogous

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



65.0570, 17.2269, 28.0140



59.9860, 4.9369, 50.0013



59.0990, -9.9088, 51.6562

Triad

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



59.9860, 4.9369, 50.0013



56.6380, -27.9225, -4.0675



57.8360, 28.6749, -50.7222

Complementary

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



59.9860, 4.9369, 50.0013



86.0140, -4.9369, -50.0013

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.



56.0460, 16.7393, -49.1523



59.9860, 4.9369, 50.0013



46.8750, -10.7844, -41.1094

Square

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



59.9860, 4.9369, 50.0013



60.3250, -29.7402, 19.0090



52.3980, 2.7618, -45.9530



55.0950, 35.9422, -48.3183

Rectangle

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



59.9860, 4.9369, 50.0013



60.0090, -20.2174, 44.7191



52.3980, 2.7618, -45.9530



57.6250, 25.3279, -50.5371

Sweetspot

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



59.9860, 4.9369, 50.0013



130.2890, 1.8295, 19.9175



53.0850, 31.5101, 20.0965



62.7180, 1.1250, 12.5253



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



59.9860, 4.9369, 50.0013



63.5580, 7.6129, 78.4406



57.0730, -13.8400, 52.5560



55.1360, 0.4260, 3.3887



42.9760, 6.9138, 69.3040



87.9740, 13.8168, 142.0968

Inverse Universe

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



59.9860, 4.9369, 50.0013



63.5580, 7.6129, 78.4406



88.9270, 13.8400, -52.5560



55.1360, 0.4260, 3.3887



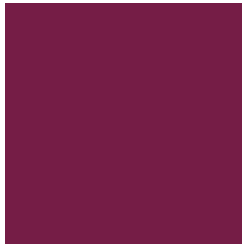
42.9760, 6.9138, 69.3040



87.9740, 13.8168, 142.0968

Previews

White Background



This preview shows how the YUV color 59.9860, 4.9369, 50.0013 looks on a white background.

Color Contrast Check

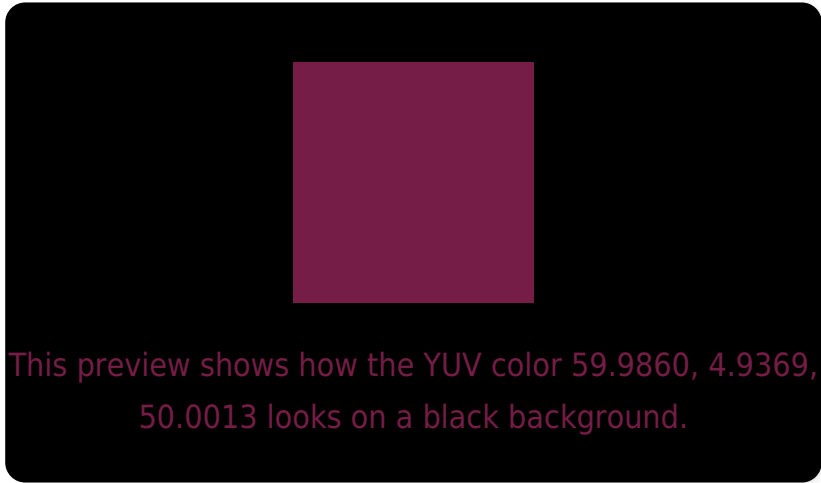
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.9860, 4.9369, 50.0013

Background



This preview shows how black text looks on a background with the YUV color 59.9860, 4.9369, 50.0013.



This preview shows how white text looks on a background with the YUV color 59.9860, 4.9369,

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

59.9860, 4.9369, 50.0013

Protanopia

65.2130, 13.6990, -7.2028

Deuteranopia

65.7340, 0.1311, 4.6183



Tritanopia

60.5500, -10.6241, 47.7527

Trichromacy



Original Color

59.9860, 4.9369, 50.0013

Protanomaly

63.2480, 10.7237, 13.8145

Deuteranomaly

63.8870, 1.5347, 21.1471

Tritanomaly

60.3420, -5.0986, 48.8121

Monochromacy



Original Color

59.9860, 4.9369, 50.0013

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.2780, 1.8349, 18.1732

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.9860, 4.9369, 50.0013 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(117, 29, 70)` looks like.

```
.text, #text, p{  
    color:rgb(117, 29, 70)  
}
```

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(117, 29, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 29, 70) }
```

Border

The CSS property to change the border of an element to YUV 59.9860, 4.9369, 50.0013 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(117, 29, 70) }
```


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

```
.border{ border-color:rgb(117, 29, 70) }
```

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

Here you see how a box with a 4 pixel rgb(117, 29, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 29, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 29, 70);  
box-shadow:4px 4px 4px 4px rgb(117, 29,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 59.9860, 4.9369, 50.0013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 29, 70) }
```

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

```
.background{ background-color: rgb(117, 29,  
70) }
```

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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