

Converting Colors

YUV(70.9010, 17.3038, 50.0758)

Have a look what the booklet for
YUV(70.9010, 17.3038, 50.0758)
contains.

YUV(70.9010, 17.3038, 50.0758)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(70.9010, 17.3038,
50.0758)**

Conversions

Conversions Part 1

Format	Color
Hex	80236A
RGB	128, 35, 106
RGB Percent	50%, 14%, 42%
CMY	0.4980, 0.8627, 0.5843
CMYK	0.00, 0.73, 0.17, 0.50
HSL	314°, 57%, 32%
HSV	314°, 73%, 50%
XYZ	12.1046, 6.8319, 14.3164
YIQ	70.9010, 32.6370, 41.7970

Conversions

Conversions Part 2

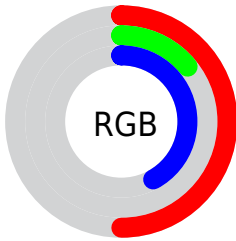
Format	Color
R_{YB}	128, 35, 106
Decimal	8397674
CIE _{Lab}	31.42, 47.16, -19.94
CIE _{LCh}	31, 51.201, 337.080
Yxy	6.8319, 0.3640, 0.2055
Android (android.graphics.Color)	4286587754 (0xFF80236A)
YUV	70.9010, 17.3038, 50.0758
Hunter-Lab	26.1378, 36.9235, -14.1782

Details

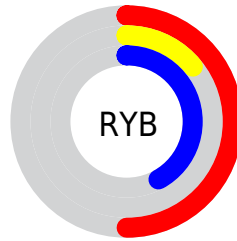
The YUV color **70.9010, 17.3038, 50.0758** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **92.0990, -17.3038, -50.0758**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3850, 16.5722, 51.4054**, and **29.0370, 14.2788, 40.3096** is the 20% darker color. If you saturate the color by 10%, you get **62.9280, 19.7555, 57.0681**, and if you desaturate by 10%, it is **78.8740, 14.8521, 43.0835**.

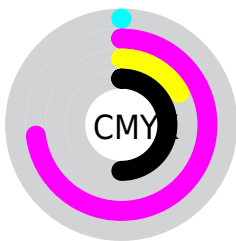
Distribution



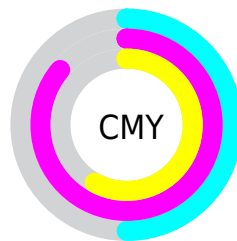
- Red (50%)
- Green (14%)
- Blue (42%)



- Red (50%)
- Yellow (14%)
- Blue (42%)



- Cyan (0%)
- Magenta (73%)
- Yellow (17%)
- Black (50%)



- Cyan (50%)
- Magenta (86%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.9010, 17.3038, 50.0758 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 70.9010, 17.3038, 50.0758 by changing the saturation by 10% instead.

70.9010, 17.3038,
50.0758

70.9010, 17.3038,
50.0758

255.0000, 0.0000,
0.0000

39.5470, 20.9293,
53.8943

124.3850, 16.5722,
51.4054

29.0370, 14.2788,
40.3096

151.9830, 16.2774,
52.6349

19.7660, 8.4964,
28.2692

179.5810, 15.9826,
53.8645

6.8640, 3.0250,
9.7663

202.9220, 18.7725,
45.6724

0.0000, 0.0000,
0.0000

220.9540, 16.7847,
29.8583

237.9770, 8.3923,

14.9292

■ 70.9010, 17.3038,
50.0758

■ 70.9010, 17.3038,
50.0758

■ 62.9280, 19.7555,
57.0681

■ 78.8740, 14.8521,
43.0835

■ 54.9550, 22.2072,
64.0605

■ 86.8470, 12.4004,
36.0912

■ 49.4440, 23.9381,
68.8936

■ 94.2330, 10.2381,
29.6137

■ 102.2060, 7.7864,
22.6213

■ 110.1790, 5.3348,
15.6290

■ 118.1520, 2.8831,
8.6367

■ 126.1250, 0.4314,
1.6444

■ 133.5110, -1.7309,
-4.8331

■ 141.4840, -4.1826,
-11.8255

Harmonies

Analogous

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



75.3070, 31.4006, 8.5008



70.9010, 17.3038, 50.0758



63.1950, 1.3829, 69.9890

Triad

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



70.9010, 17.3038, 50.0758



68.5430, -33.7917, 11.8018



67.3250, 26.9548, -59.0440

Complementary

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



70.9010, 17.3038, 50.0758



92.0990, -17.3038, -50.0758

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.



62.8790, 9.9197, -55.1449



70.9010, 17.3038, 50.0758



61.2570, -30.1997, -20.3964

Square

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



70.9010, 17.3038, 50.0758



69.6050, -34.3153, 39.8114



56.9170, -7.8471, -49.9162



67.3540, 39.7585, -59.0695

Rectangle

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



70.9010, 17.3038, 50.0758



65.5030, -12.5730, 66.2109



56.9170, -7.8471, -49.9162



65.9570, 21.7132, -57.8443

Sweetspot

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



70.9010, 17.3038, 50.0758



143.2550, 6.7763, 19.9474



52.1800, 37.3793, 4.2271



70.5160, 4.1826, 11.8255



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



70.9010, 17.3038, 50.0758



77.5960, 26.8212, 77.5303



65.6570, -2.7889, 54.6748



59.6630, 1.1521, 3.8035



49.3300, 23.5013, 68.9936



0.0000, 0.0000, 0.0000

Inverse Universe

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



70.9010, 17.3038, 50.0758



77.5960, 26.8212, 77.5303



97.3430, 2.7889, -54.6748



59.6630, 1.1521, 3.8035



49.3300, 23.5013, 68.9936



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 70.9010, 17.3038, 50.0758 looks on a white background.

Color Contrast Check

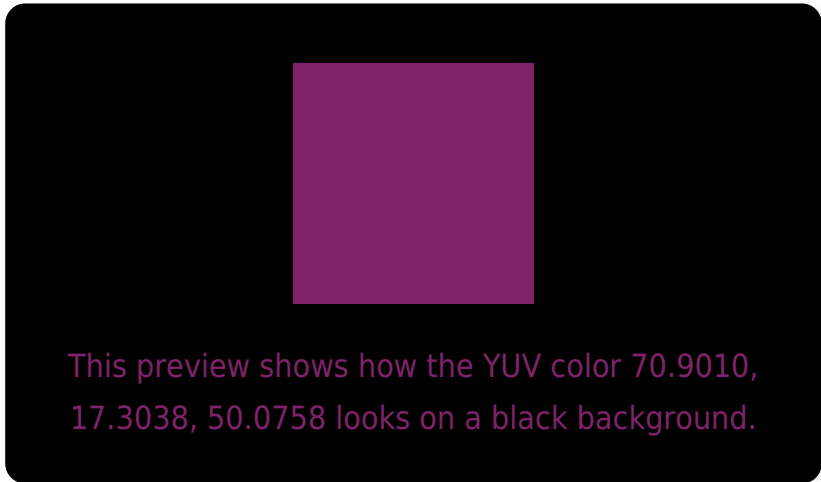
Large Text (above 18pt) WCAG AA ✓ Pass

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

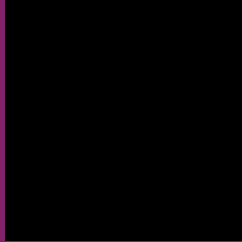
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.9010, 17.3038, 50.0758

Background



This preview shows how black text looks on a background with the YUV color 70.9010, 17.3038, 50.0758.



This preview shows how white text looks on a background with the YUV color 70.9010, 17.3038,

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

70.9010, 17.3038, 50.0758

Protanopia

71.3260, 32.3773, -24.8419

Deuteranopia

75.1700, 12.2412, -6.2881



Tritanopia

72.9840, -8.8661, 43.8640

Trichromacy



Original Color

70.9010, 17.3038, 50.0758

Protanomaly

71.1230, 27.0544, 2.5231

Deuteranomaly

73.7580, 13.9233, 14.2442

Tritanomaly

72.2260, 0.8746, 46.2828

Monochromacy



Original Color

70.9010, 17.3038, 50.0758

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1300, 6.3449, 18.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9010, 17.3038, 50.0758 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(128, 35, 106)` looks like.

```
.text, #text, p{  
    color:rgb(128, 35, 106)  
}
```

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(128, 35, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 35, 106) }
```

Border

The CSS property to change the border of an element to YUV 70.9010, 17.3038, 50.0758 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(128, 35, 106) }
```


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

```
.border{ border-color:rgb(128, 35, 106) }
```

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

Here you see how a box with a 4 pixel rgb(128, 35, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 35, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 35, 106);  
box-shadow:4px 4px 4px 4px rgb(128, 35,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 70.9010, 17.3038, 50.0758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 35, 106) }
```

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

```
.background{ background-color: rgb(128, 35,  
106) }
```

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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