

Converting Colors

YUV(51.1110, 29.0323, 68.3087)

Have a look what the booklet for
YUV(51.1110, 29.0323, 68.3087)
contains.

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Color

**YUV(51.1110, 29.0323,
68.3087)**

Conversions

Conversions Part 1

Format	Color
Hex	81006E
RGB	129, 0, 110
RGB Percent	51%, 0%, 43%
CMY	0.4941, 1.0000, 0.5686
CMYK	0.00, 1.00, 0.15, 0.49
HSL	309°, 100%, 25%
HSV	309°, 100%, 51%
XYZ	11.8677, 5.7929, 15.2445
YIQ	51.1110, 41.5740, 61.5580

Conversions

Conversions Part 2

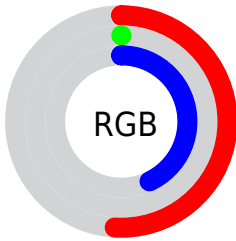
Format	Color
R_{YB}	129, 0, 110
Decimal	8454254
CIE _{Lab}	28.88, 56.44, -26.47
CIE _{LCh}	29, 62.340, 334.878
Yxy	5.7929, 0.3607, 0.1760
Android (android.graphics.Color)	4286644334 (0xFF81006E)
YUV	51.1110, 29.0323, 68.3087
Hunter-Lab	24.0685, 45.8953, -20.7052

Details

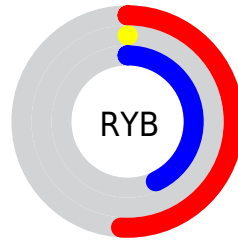
The YUV color **51.1110, 29.0323, 68.3087** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **77.8890, -29.0323, -68.3087**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.4600, 22.9442, 60.9866**, and **29.4930, 16.0260, 39.9096** is the 20% darker color. If you saturate the color by 10%, you get **51.1110, 29.0323, 68.3087**, and if you desaturate by 10%, it is **58.9700, 26.1438, 61.4163**.

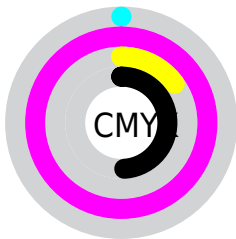
Distribution



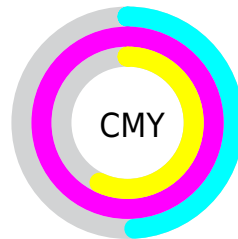
- Red (51%)
- Green (0%)
- Blue (43%)



- Red (51%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.1110, 29.0323, 68.3087 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 51.1110, 29.0323, 68.3087 by changing the saturation by 10% instead.

■ 51.1110, 29.0323,
68.3087

■ 51.1110, 29.0323,
68.3087

255.0000, 0.0000,
0.0000

■ 40.1880, 22.0923,
54.2091

■ 115.4600, 22.9442,
60.9866

■ 29.4930, 16.0260,
39.9096

■ 143.6450, 22.3600,
61.7013

■ 19.8090, 9.9542,
27.3545

■ 171.6560, 22.3546,
63.4457

■ 5.8250, 5.5093,
6.2925

■ 194.6870, 25.2973,
52.8945

■ 0.0000, 0.0000,
0.0000

■ 212.1490, 21.1255,
37.5803

■ 229.1720, 12.7332,

22.6512

■ 246.1950, 4.3409,
7.7220

■ 51.1110, 29.0323,
68.3087

■ 58.9700, 26.1438,
61.4163

■ 66.8290, 23.2553,
54.5240

■ 74.6880, 20.3668,
47.6316

■ 82.5470, 17.4783,
40.7393

■ 90.4060, 14.5898,
33.8469

■ 97.5640, 11.5539,
27.5694

■ 105.4230, 8.6655,
20.6770

■ 113.2820, 5.7770,
13.7847

■ 121.1410, 2.8885,
6.8923

Harmonies

Analogous

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



67.5650, 40.1475, 3.0125



51.1110, 29.0323, 68.3087



51.4340, 5.7020, 84.6884

Triad

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



51.1110, 29.0323, 68.3087



63.5260, -31.3183, 11.8167



65.0910, 28.5491, -57.0848

Complementary

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



51.1110, 29.0323, 68.3087



77.8890, -29.0323, -68.3087

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.



59.6190, 7.5828, -52.2859



51.1110, 29.0323, 68.3087



53.5380, -26.3942, -27.6588

Square

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



51.1110, 29.0323, 68.3087



63.4470, -31.2794, 46.0890



52.4030, -14.9887, -45.9574



67.2060, 44.2684, -58.9397

Rectangle

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



51.1110, 29.0323, 68.3087



47.1880, -7.9807, 86.6581



52.4030, -14.9887, -45.9574



63.3810, 21.9972, -55.5851

Sweetspot

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



51.1110, 29.0323, 68.3087



137.8520, 11.4120, 26.4398



19.7890, 53.8410, -2.4460



65.9340, 6.9345, 15.8439



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.



51.1110, 29.0323, 68.3087



66.6480, 38.1345, 88.8857



43.9290, 1.5140, 74.6073



59.7770, 1.5889, 3.7036



50.6980, 28.7429, 67.7939



0.0000, 0.0000, 0.0000

Inverse Universe

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



51.1110, 29.0323, 68.3087



66.6480, 38.1345, 88.8857



85.0710, -1.5140, -74.6073



59.7770, 1.5889, 3.7036



50.6980, 28.7429, 67.7939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 51.1110, 29.0323, 68.3087 looks on a white background.

Color Contrast Check

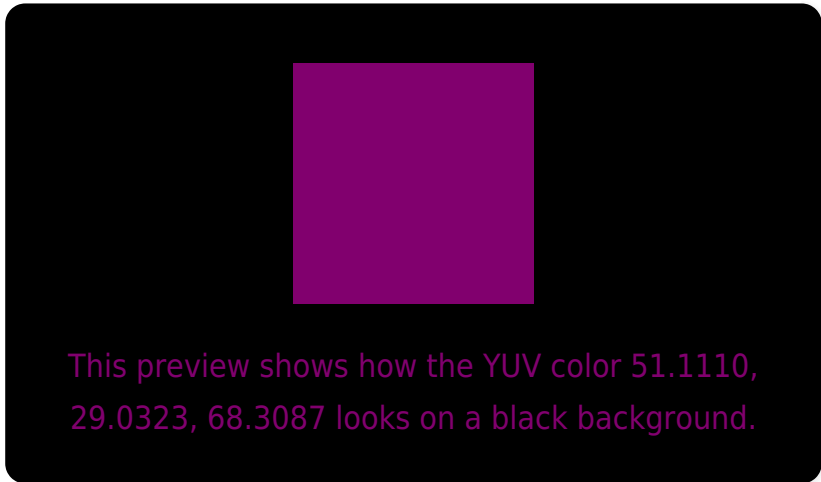
Large Text (above 18pt) WCAG AA ✓ Pass

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

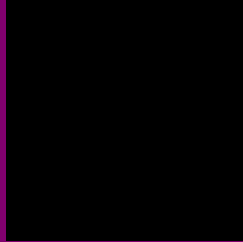
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.1110, 29.0323, 68.3087

Background



This preview shows how black text looks on a background with the YUV color 51.1110, 29.0323, 68.3087.



This preview shows how white text looks on a background with the YUV color 51.1110, 29.0323,

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



Protanopia

57.1470, 43.8045, -50.1179

Deuteranopia

71.0600, 15.7464, -10.5766

Tritanopia

67.2620, -10.4822, 48.8822

Trichromacy



Protanomaly

55.0430, 38.4328, -7.0537

Deuteranomaly

63.6150, 20.8958, 17.8776

Tritanomaly

61.0900, 3.8996, 56.0491

Monochromacy



Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.6130, 10.5438, 24.8954

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.1110, 29.0323, 68.3087 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(129, 0, 110)` looks like.

```
.text, #text, p{  
    color:rgb(129, 0, 110)  
}
```

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(129, 0, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 0, 110) }
```

Border

The CSS property to change the border of an element to YUV 51.1110, 29.0323, 68.3087 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(129, 0, 110) }
```

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

```
.border{ border-color:rgb(129, 0, 110) }
```

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

Here you see how a box with a 4 pixel rgb(129, 0, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 0, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 0, 110);  
box-shadow:4px 4px 4px 4px rgb(129, 0,  
110) }
```


Background

The CSS property to change the background color of an element to YUV 51.1110, 29.0323, 68.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 0, 110) }
```

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

```
.background{ background-color: rgb(129, 0,  
110) }
```

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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