

Converting Colors

YUV(46.9100, 27.1594, 62.3459)

Have a look what the booklet for
YUV(46.9100, 27.1594, 62.3459)
contains.

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Color

**YUV(46.9100, 27.1594,
62.3459)**

Conversions

Conversions Part 1

Format	Color
Hex	760066
RGB	118, 0, 102
RGB Percent	46%, 0%, 40%
CMY	0.5373, 1.0000, 0.6000
CMYK	0.00, 1.00, 0.14, 0.54
HSL	308°, 100%, 23%
HSV	308°, 100%, 46%
XYZ	9.8695, 4.8109, 12.9788
YIQ	46.9100, 37.5860, 56.7380

Conversions

Conversions Part 2

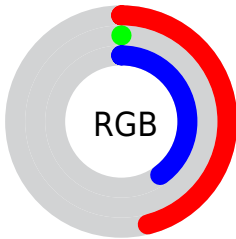
Format	Color
R_{YB}	118, 0, 102
Decimal	7733350
CIE _{Lab}	26.19, 53.16, -25.69
CIE _{LCh}	26, 59.044, 334.209
Yxy	4.8109, 0.3568, 0.1739
Android (android.graphics.Color)	4285923430 (0xFF760066)
YUV	46.9100, 27.1594, 62.3459
Hunter-Lab	21.9337, 41.9356, -19.7300

Details

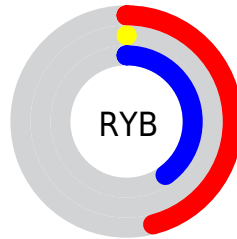
The YUV color **46.9100, 27.1594, 62.3459** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **71.0900, -27.1594, -62.3459**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.0850, 21.6501, 56.0535**, and **25.7050, 14.4424, 34.4617** is the 20% darker color. If you saturate the color by 10%, you get **46.9100, 27.1594, 62.3459**, and if you desaturate by 10%, it is **54.1820, 24.5603, 55.9684**.

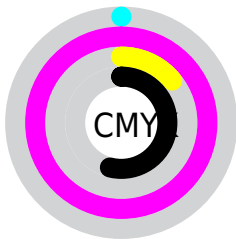
Distribution



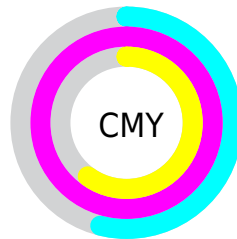
- Red (46%)
- Green (0%)
- Blue (40%)



- Red (46%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.9100, 27.1594, 62.3459 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 46.9100, 27.1594, 62.3459 by changing the saturation by 10% instead.

46.9100, 27.1594,
62.3459

46.9100, 27.1594,
62.3459

255.0000, 0.0000,
0.0000

36.1010, 20.6562,
48.1464

109.0850, 21.6501,
56.0535

25.7050, 14.4424,
34.4617

136.6830, 21.3553,
57.2830

16.0210, 8.3706,
21.9066

164.3950, 21.4973,
58.4126

0.5700, 2.1840,
-0.4999

191.1990, 22.0869,
55.9535

0.0000, 0.0000,
0.0000

209.8010, 22.2831,
39.6395

226.2370, 14.1802,

25.2252

■ 243.2600, 5.7878,
10.2960

■ 46.9100, 27.1594,
62.3459

■ 54.1820, 24.5603,
55.9684

■ 61.3400, 21.5244,
49.6908

■ 68.0250, 19.2147,
43.8281

■ 75.1830, 16.1788,
37.5505

■ 82.4550, 13.5797,
31.1730

■ 89.7270, 10.9806,
24.7954

■ 96.8850, 7.9447,
18.5179

■ 103.5700, 5.6350,
12.6551

■ 110.7280, 2.5991,
6.3775

Harmonies

Analogous

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



61.5710, 37.6795, 1.2532



46.9100, 27.1594, 62.3459



47.2760, 5.2869, 77.8109

Triad

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



46.9100, 27.1594, 62.3459



58.2100, -28.6975, 11.2168



59.7280, 25.7701, -52.3815

Complementary

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



46.9100, 27.1594, 62.3459



71.0900, -27.1594, -62.3459

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.



54.0110, 6.4036, -47.3676



46.9100, 27.1594, 62.3459



48.8310, -24.0737, -25.2848

Square

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



46.9100, 27.1594, 62.3459



57.2340, -28.2164, 43.6448



47.2510, -14.4207, -41.4391



61.6150, 40.6158, -54.0364

Rectangle

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



46.9100, 27.1594, 62.3459



43.6710, -7.2328, 80.0955



47.2510, -14.4207, -41.4391



58.1320, 19.6549, -50.9818

Sweetspot

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



46.9100, 27.1594, 62.3459



125.3140, 10.6912, 24.2806



18.2360, 49.1837, -1.9610



60.1080, 6.3558, 14.8143



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.



46.9100, 27.1594, 62.3459



60.7950, 35.1041, 80.8638



40.1840, 1.3883, 68.2446



55.3640, 1.2995, 3.1888



48.5620, 28.3169, 64.4051



99.3740, 57.4966, 132.0990

Inverse Universe

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



46.9100, 27.1594, 62.3459



60.7950, 35.1041, 80.8638



77.8160, -1.3883, -68.2446



55.3640, 1.2995, 3.1888



48.5620, 28.3169, 64.4051



99.3740, 57.4966, 132.0990

Previews

White Background



This preview shows how the YUV color 46.9100, 27.1594, 62.3459 looks on a white background.

Color Contrast Check

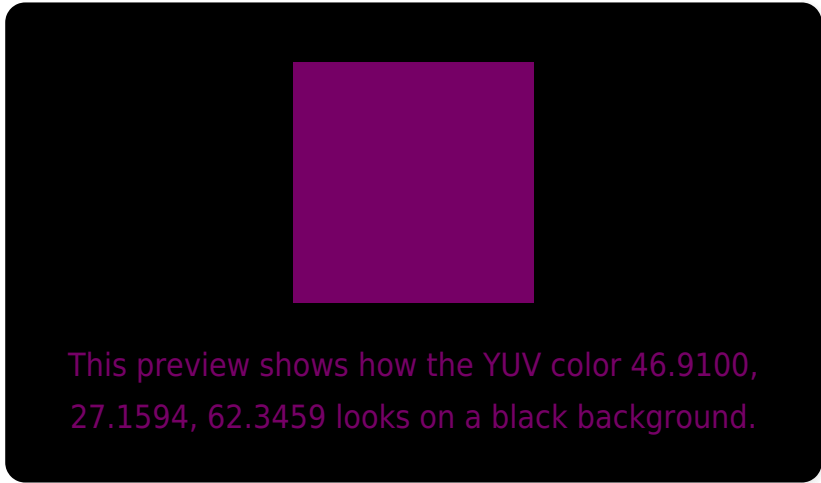
Large Text (above 18pt) WCAG AA ✓ Pass

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

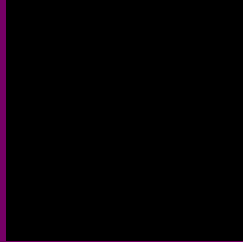
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.9100, 27.1594, 62.3459

Background



This preview shows how black text looks on a background with the YUV color 46.9100, 27.1594, 62.3459.



This preview shows how white text looks on a background with the YUV color 46.9100, 27.1594,

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

52.2570, 40.2993, -45.8294

Deuteranopia

64.9460, 15.3096, -10.4766

Tritanopia

62.0550, -9.8871, 44.6788

Trichromacy



Protanomaly

50.2450, 35.3752, -6.3539

Deuteranomaly

58.2620, 19.5908, 16.4332

Tritanomaly

56.3560, 3.7685, 51.4308

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0750, 9.8230, 22.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9100, 27.1594, 62.3459 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(118, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(118, 0, 102)  
}
```

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(118, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 0, 102) }
```

Border

The CSS property to change the border of an element to YUV 46.9100, 27.1594, 62.3459 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(118, 0, 102) }
```

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

```
.border{ border-color:rgb(118, 0, 102) }
```

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

Here you see how a box with a 4 pixel rgb(118, 0, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(118, 0,  
102) }
```


Background

The CSS property to change the background color of an element to YUV 46.9100, 27.1594, 62.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 0, 102) }
```

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

```
.background{ background-color: rgb(118, 0,  
102) }
```

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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