

Converting Colors

YUV(90.9010, 30.6148, 27.2738)

Have a look what the booklet for
YUV(90.9010, 30.6148, 27.2738)
contains.

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Color

**YUV(90.9010, 30.6148,
27.2738)**

Conversions

Conversions Part 1

Format	Color
Hex	7A3F99
RGB	122, 63, 153
RGB Percent	48%, 25%, 60%
CMY	0.5216, 0.7529, 0.4000
CMYK	0.20, 0.59, 0.00, 0.40
HSL	279°, 42%, 42%
HSV	279°, 59%, 60%
XYZ	15.5533, 9.9925, 31.2460
YIQ	90.9010, 6.2740, 40.4980

Conversions

Conversions Part 2

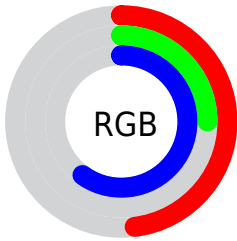
Format	Color
R_{YB}	122, 63, 153
Decimal	8011673
CIE _{Lab}	37.83, 41.46, -39.11
CIE _{LCh}	38, 56.998, 316.672
Yxy	9.9925, 0.2739, 0.1759
Android (android.graphics.Color)	4286201753 (0xFF7A3F99)
YUV	90.9010, 30.6148, 27.2738
Hunter-Lab	31.6109, 32.5071, -36.4779

Details

The YUV color **90.9010, 30.6148, 27.2738** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **125.0990, -30.6148, -27.2738**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.5530, 31.7724, 29.3330**, and **38.9010, 30.6148, 27.2738** is the 20% darker color. If you saturate the color by 10%, you get **80.6010, 35.6927, 31.9219**, and if you desaturate by 10%, it is **101.2010, 25.5369, 22.6257**.

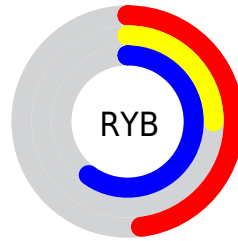
Distribution



Red (48%)

Green (25%)

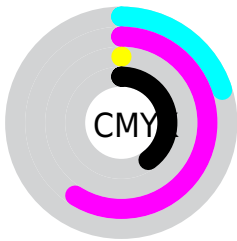
Blue (60%)



Red (48%)

Yellow (25%)

Blue (60%)

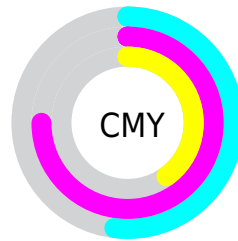


Cyan (20%)

Magenta (59%)

Yellow (0%)

Black (40%)



Cyan (52%)

Magenta (75%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.9010, 30.6148, 27.2738 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 90.9010, 30.6148, 27.2738 by changing the saturation by 10% instead.

90.9010, 30.6148,
27.2738

90.9010, 30.6148,
27.2738

255.0000, 0.0000,
0.0000

65.4880, 30.3254,
26.7590

143.5530, 31.7724,
29.3330

38.9010, 30.6148,
27.2738

170.3790, 32.3512,
30.3626

21.9340, 27.1475,
19.3519

197.0650, 28.5620,
32.3920

13.0330, 20.1967,
8.7411

219.1930, 17.6529,
31.4027

4.7080, 12.9620,
-4.1289

236.2160, 9.2605,
16.4736

0.2280, 0.8736,
-0.2000

253.2390, 0.8682,

0.0000, 0.0000,

1.5444

0.0000

■ 90.9010, 30.6148,
27.2738

■ 90.9010, 30.6148,
27.2738

■ 80.6010, 35.6927,
31.9219

■ 101.2010, 25.5369,
22.6257

■ 69.4150, 41.2074,
36.4700

■ 112.3870, 20.0222,
18.0776

■ 59.1150, 46.2853,
41.1181

■ 122.6870, 14.9443,
13.4295

■ 48.8150, 51.3632,
45.7662

■ 132.9870, 9.8664,
8.7814

■ 47.3420, 52.0894,
46.1811

■ 143.2870, 4.7885,
4.1333

■ 154.4730, -0.7262,
-0.4148

■ 164.7730, -5.8041,
-5.0629

■ 175.0730,
-10.8820, -9.7110

■ 185.9600,
-16.2493, -14.8739

Harmonies

Analogous

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



76.4550, 50.0617, -50.3880



90.9010, 30.6148, 27.2738



82.9140, 14.3394, 67.6044

Triad

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



90.9010, 30.6148, 27.2738



83.7480, -41.2878, 36.1780



76.9790, 18.2514, -67.5106

Complementary

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



90.9010, 30.6148, 27.2738



125.0990, -30.6148, -27.2738

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.



70.9200, -2.4256, -62.1968



90.9010, 30.6148, 27.2738



81.1800, -40.0217, 3.3501

Square

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



90.9010, 30.6148, 27.2738



82.1980, -30.1706, 63.8474



68.4390, -26.3454, -43.3580



80.5930, 37.1757, -70.6801

Rectangle

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



90.9010, 30.6148, 27.2738



77.9620, 1.4977, 79.8403



68.4390, -26.3454, -43.3580



75.1550, 11.2626, -65.9109

Sweetspot

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



90.9010, 30.6148, 27.2738



174.2800, 12.1870, 11.1554



92.0440, 30.0513, -25.4716



84.5800, 7.1091, 6.5073



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



90.9010, 30.6148, 27.2738



101.5820, 48.0271, 42.4626



98.6880, 20.3668, 47.6316



71.4070, 2.7573, 2.2741



43.4680, 47.5903, 42.5626



3.8740, 4.4991, 3.6185

Inverse Universe

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



93.4440, 0.2741, 52.2306



105.6310, 0.1819, 81.8846



117.3120, -20.3668, -47.6316



71.6200, -0.3057, 4.7183



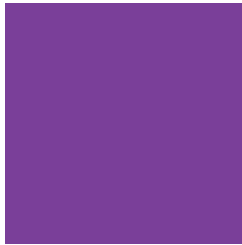
47.3320, 0.3293, 81.2698



4.3430, -0.1691, 7.5922

Previews

White Background



This preview shows how the YUV color 90.9010, 30.6148, 27.2738 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



This preview shows how the YUV color 90.9010, 30.6148, 27.2738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

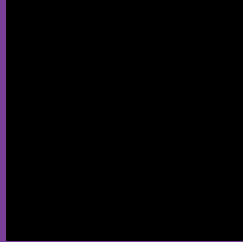
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.9010, 30.6148, 27.2738

Background



This preview shows how black text looks on a background with the YUV color 90.9010, 30.6148, 27.2738.



This preview shows how white text looks on a background with the YUV color 90.9010, 30.6148,

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

90.9010, 30.6148, 27.2738

Protanopia

80.5270, 47.5612, -41.6812

Deuteranopia

85.2500, 30.9357, -29.1603



Tritanopia

90.9530, -1.9488, 18.4582

Trichromacy



Original Color

90.9010, 30.6148, 27.2738

Protanomaly

84.3730, 41.2281, -16.9901

Deuteranomaly

87.0830, 31.0181, -8.8428

Tritanomaly

90.7760, 9.9704, 22.1214

Monochromacy



Original Color

90.9010, 30.6148, 27.2738

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0410, 11.3188, 9.6110

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9010, 30.6148, 27.2738 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(122, 63, 153)` looks like.

```
.text, #text, p{  
    color:rgb(122, 63, 153)  
}
```

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(122, 63, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 63, 153) }
```

Border

The CSS property to change the border of an element to YUV 90.9010, 30.6148, 27.2738 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(122, 63, 153) }
```


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

```
.border{ border-color:rgb(122, 63, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 63, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 63, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 63, 153);  
box-shadow:4px 4px 4px 4px rgb(122, 63,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 90.9010, 30.6148, 27.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 63, 153) }
```

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

```
.background{ background-color: rgb(122, 63,  
153) }
```

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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