

Converting Colors

YUV(90.7630, 19.8368, 30.9028)

Have a look what the booklet for
YUV(90.7630, 19.8368, 30.9028)
contains.

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Color

**YUV(90.7630, 19.8368,
30.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4183
RGB	126, 65, 131
RGB Percent	49%, 25%, 51%
CMY	0.5059, 0.7451, 0.4863
CMYK	0.04, 0.50, 0.00, 0.49
HSL	295°, 34%, 38%
HSV	295°, 50%, 51%
XYZ	14.5912, 9.8549, 22.6059
YIQ	90.7630, 15.1700, 33.4580

Conversions

Conversions Part 2

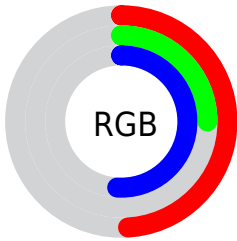
Format	Color
R_{YB}	126, 65, 131
Decimal	8274307
CIE _{Lab}	37.58, 36.77, -26.05
CIE _{LCh}	38, 45.063, 324.690
Yxy	9.8549, 0.3101, 0.2094
Android (android.graphics.Color)	4286464387 (0xFF7E4183)
YUV	90.7630, 19.8368, 30.9028
Hunter-Lab	31.3925, 28.0297, -20.7202

Details

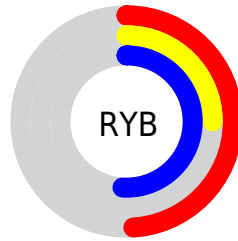
The YUV color **90.7630, 19.8368, 30.9028** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **105.2370, -19.8368, -30.9028**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3010, 20.5576, 33.0620**, and **40.4640, 19.9842, 30.2881** is the 20% darker color. If you saturate the color by 10%, you get **82.8330, 23.7463, 36.9805**, and if you desaturate by 10%, it is **98.6930, 15.9274, 24.8252**.

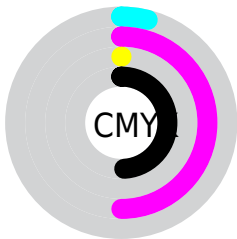
Distribution



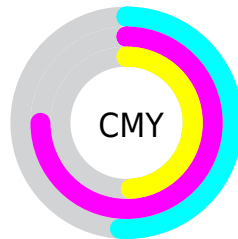
- Red (49%)
- Green (25%)
- Blue (51%)



- Red (49%)
- Yellow (25%)
- Blue (51%)



- Cyan (4%)
- Magenta (50%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (75%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.7630, 19.8368, 30.9028 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 90.7630, 19.8368, 30.9028 by changing the saturation by 10% instead.

90.7630, 19.8368,
30.9028

90.7630, 19.8368,
30.9028

255.0000, 0.0000,
0.0000

66.0510, 19.6949,
29.7733

142.3010, 20.5576,
33.0620

40.4640, 19.9842,
30.2881

169.1270, 21.1364,
34.0916

21.5620, 17.9639,
24.9401

196.9530, 21.7152,
35.1212

12.7750, 11.4499,
14.2293

220.3670, 17.0741,
30.3731

1.2540, 4.8048,
-1.0998

236.8030, 8.9711,
15.9588

0.0000, 0.0000,
0.0000

253.8260, 0.5788,

1.0296

■ 90.7630, 19.8368,
30.9028

■ 90.7630, 19.8368,
30.9028

■ 82.8330, 23.7463,
36.9805

■ 98.6930, 15.9274,
24.8252

■ 74.9030, 27.6558,
43.0581

■ 106.6230, 12.0179,
18.7476

■ 66.9730, 31.5653,
49.1357

■ 114.5530, 8.1084,
12.6700

■ 59.0430, 35.4748,
55.2133

■ 122.4830, 4.1989,
6.5924

■ 51.1130, 39.3843,
61.2909

■ 131.0000, 0.0000,
0.0000

■ 138.9300, -3.9095,
-6.0776

■ 146.8600, -7.8190,
-12.1552

■ 154.7900,
-11.7285, -18.2328

■ 162.7200,
-15.6380, -24.3104

Harmonies

Analogous

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



88.5280, 32.7707, -10.9871



90.7630, 19.8368, 30.9028



87.0190, 4.9206, 55.2343

Triad

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



90.7630, 19.8368, 30.9028



83.1380, -39.5080, 25.3120



75.0870, 21.1561, -65.8513

Complementary

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



90.7630, 19.8368, 30.9028



105.2370, -19.8368, -30.9028

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.



70.8690, 4.9946, -62.1521



90.7630, 19.8368, 30.9028



80.1560, -33.6009, -2.7678

Square

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



90.7630, 19.8368, 30.9028



85.5440, -28.3692, 46.0039



72.0660, -13.8365, -42.1539



76.6320, 34.6914, -67.2063

Rectangle

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



90.7630, 19.8368, 30.9028



85.3650, -6.5889, 60.1929



72.0660, -13.8365, -42.1539



74.3060, 15.6251, -65.1664

Sweetspot

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



90.7630, 19.8368, 30.9028



155.1400, 7.8190, 12.1552



75.4590, 27.3817, -9.1725



77.3090, 4.7777, 7.6220



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



90.7630, 19.8368, 30.9028



108.1470, 30.9865, 48.1061



89.0660, 6.8695, 36.7761



62.4780, 1.7363, 3.0888



50.7000, 39.0949, 60.7761



0.9400, 1.0156, 0.9296

Inverse Universe

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



85.3040, -7.5449, 40.0754



99.7090, -11.6885, 62.5222



106.9340, -6.8695, -36.7761



61.7940, -0.8844, 3.6887



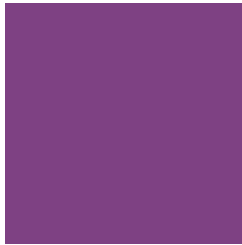
40.0100, -14.7949, 78.9212



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 90.7630, 19.8368, 30.9028 looks on a white background.

Color Contrast Check

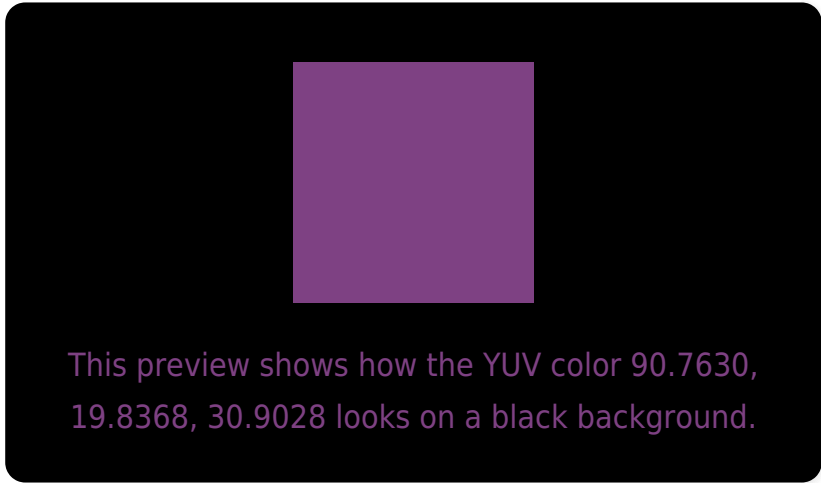
Large Text (above 18pt) WCAG AA ✓ Pass

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

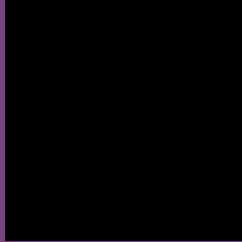
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.7630, 19.8368, 30.9028

Background



This preview shows how black text looks on a background with the YUV color 90.7630, 19.8368, 30.9028.



This preview shows how white text looks on a background with the YUV color 90.7630, 19.8368,

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

90.7630, 19.8368, 30.9028

Protanopia

86.7070, 31.2034, -21.6680

Deuteranopia

88.5590, 18.9514, -11.8912



Tritanopia

90.5410, -3.7177, 25.8355

Trichromacy



Original Color

90.7630, 19.8368, 30.9028

Protanomaly

88.0900, 27.0706, -2.7099

Deuteranomaly

89.6580, 18.9026, 3.8079

Tritanomaly

90.7290, 4.5706, 27.4247

Monochromacy



Original Color

90.7630, 19.8368, 30.9028

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.3140, 7.2402, 11.1256

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.7630, 19.8368, 30.9028 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(126, 65, 131)` looks like.

```
.text, #text, p{  
    color:rgb(126, 65, 131)  
}
```

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(126, 65, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 65, 131) }
```

Border

The CSS property to change the border of an element to YUV 90.7630, 19.8368, 30.9028 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(126, 65, 131) }
```


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

```
.border{ border-color:rgb(126, 65, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 65, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 65, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 65, 131);  
box-shadow:4px 4px 4px 4px rgb(126, 65,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 90.7630, 19.8368, 30.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 65, 131) }
```

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

```
.background{ background-color: rgb(126, 65,  
131) }
```

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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