

Converting Colors

YUV(81.7090, 18.3845, 30.0732)

Have a look what the booklet for
YUV(81.7090, 18.3845, 30.0732)
contains.

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Color

**YUV(81.7090, 18.3845,
30.0732)**

Conversions

Conversions Part 1

Format	Color
Hex	743977
RGB	116, 57, 119
RGB Percent	45%, 22%, 47%
CMY	0.5451, 0.7765, 0.5333
CMYK	0.03, 0.52, 0.00, 0.53
HSL	297°, 35%, 35%
HSV	297°, 52%, 47%
XYZ	11.9954, 7.9712, 18.3591
YIQ	81.7090, 15.2620, 31.7900

Conversions

Conversions Part 2

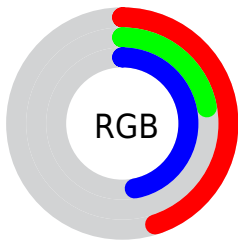
Format	Color
R _Y B	116, 57, 119
Decimal	7616887
CIE Lab	33.92, 35.62, -24.42
CIE LCh	34, 43.182, 325.567
Yxy	7.9712, 0.3130, 0.2080
Android (android.graphics.Color)	4285806967 (0xFF743977)
YUV	81.7090, 18.3845, 30.0732
Hunter-Lab	28.2333, 26.4304, -18.7910

Details

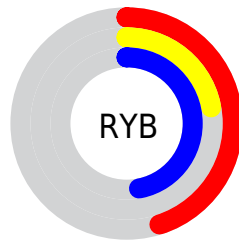
The YUV color **81.7090, 18.3845, 30.0732** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **94.2910, -18.3845, -30.0732**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1330, 18.6684, 32.3324**, and **31.2360, 19.1107, 30.4880** is the 20% darker color. If you saturate the color by 10%, you get **74.3660, 22.0046, 35.6360**, and if you desaturate by 10%, it is **89.0520, 14.7644, 24.5104**.

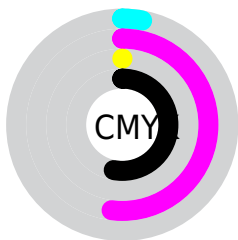
Distribution



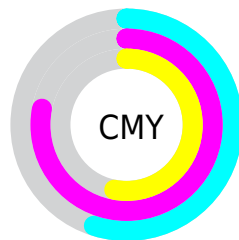
- Red (45%)
- Green (22%)
- Blue (47%)



- Red (45%)
- Yellow (22%)
- Blue (47%)



- Cyan (3%)
- Magenta (52%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (78%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7090, 18.3845, 30.0732 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 81.7090, 18.3845, 30.0732 by changing the saturation by 10% instead.

81.7090, 18.3845,
30.0732

81.7090, 18.3845,
30.0732

255.0000, 0.0000,
0.0000

56.9970, 18.2425,
28.9436

133.1330, 18.6684,
32.3324

31.2360, 19.1107,
30.4880

159.6600, 19.3946,
32.7472

18.3290, 14.6278,
21.6365

186.7850, 19.8260,
34.3916

5.6550, 10.0301,
2.9336

215.0840, 19.6786,
35.0063

0.0000, 0.0000,
0.0000

231.5200, 11.5756,
20.5920

247.9560, 3.4727,

6.1776

■ 81.7090, 18.3845,
30.0732

■ 81.7090, 18.3845,
30.0732

■ 74.3660, 22.0046,
35.6360

■ 89.0520, 14.7644,
24.5104

■ 67.3220, 25.4773,
41.8136

■ 96.0960, 11.2917,
18.3328

■ 59.9790, 29.0974,
47.3764

■ 103.4390, 7.6716,
12.7700

■ 52.9350, 32.5700,
53.5540

■ 110.4830, 4.1989,
6.5924

■ 47.3530, 35.3220,
57.5724

■ 117.2390, 0.8682,
1.5444

■ 124.2830, -2.6045,
-4.6332

■ 131.6260, -6.2246,
-10.1960

■ 138.9690, -9.8447,
-15.7588

■ 146.0130,
-13.3174, -21.9364

Harmonies

Analogous

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



79.6700, 30.7287, -9.3576



81.7090, 18.3845, 30.0732



77.4810, 4.1999, 53.0752

Triad

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



81.7090, 18.3845, 30.0732



74.8110, -36.8818, 22.9678



68.0770, 19.6820, -59.7035

Complementary

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



81.7090, 18.3845, 30.0732



94.2910, -18.3845, -30.0732

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.



64.0870, 4.3941, -56.2043



81.7090, 18.3845, 30.0732



71.6120, -31.8537, -3.1677

Square

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



81.7090, 18.3845, 30.0732



76.5760, -26.9060, 43.3448



62.6360, -11.6525, -42.6538



70.0950, 32.4912, -61.4733

Rectangle

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



81.7090, 18.3845, 30.0732



76.3430, -6.5781, 56.7042



62.6360, -11.6525, -42.6538



67.4100, 14.5879, -59.1186

Sweetspot

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



81.7090, 18.3845, 30.0732



140.7270, 7.5296, 11.6404



65.8290, 26.2133, -7.7430



69.8960, 4.4883, 7.1072



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



81.7090, 18.3845, 30.0732



96.9790, 29.0974, 47.3764



79.4140, 5.7119, 34.7169



55.1790, 1.8838, 2.4740



48.5920, 36.1901, 59.1168



99.6620, 74.1166, 121.3224

Inverse Universe

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



75.8800, -7.8288, 37.8162



87.7580, -12.6987, 59.8482



96.5860, -5.7119, -34.7169



54.7940, -0.8844, 3.6887



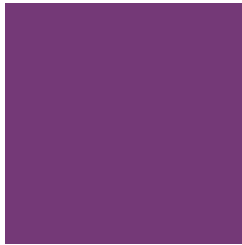
37.1620, -15.3629, 74.4029



76.1180, -31.6102, 152.4945

Previews

White Background



This preview shows how the YUV color 81.7090, 18.3845, 30.0732 looks on a white background.

Color Contrast Check

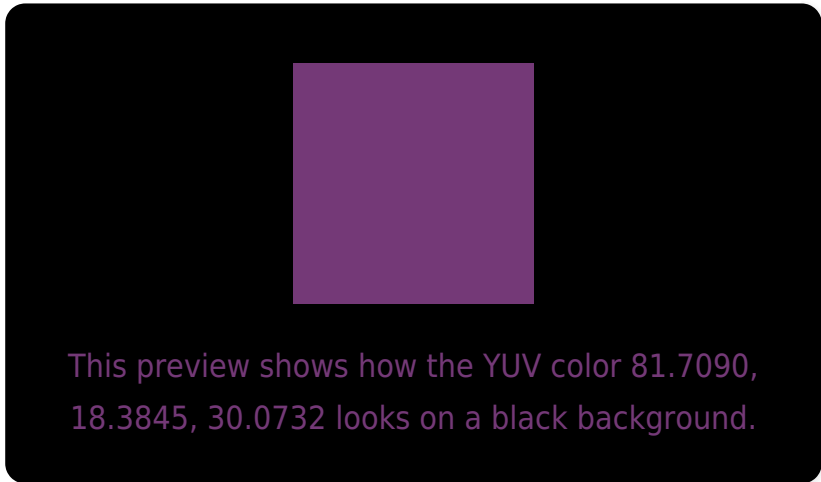
Large Text (above 18pt) WCAG AA ✓ Pass

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

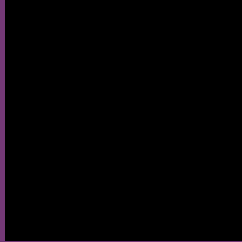
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.7090, 18.3845, 30.0732

Background



This preview shows how black text looks on a background with the YUV color 81.7090, 18.3845, 30.0732.



This preview shows how white text looks on a background with the YUV color 81.7090, 18.3845,

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

81.7090, 18.3845, 30.0732

Protanopia

77.9630, 29.5982, -20.1386

Deuteranopia

80.1030, 17.2042, -11.4913



Tritanopia

81.1280, -4.0071, 25.3207

Trichromacy



Original Color

81.7090, 18.3845, 30.0732

Protanomaly

79.0470, 25.6128, -1.7952

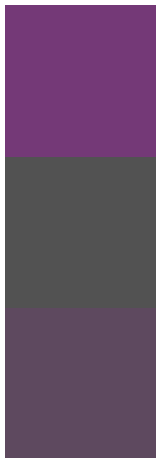
Deuteranomaly

80.9030, 17.3028, 3.5931

Tritanomaly

81.3160, 4.2812, 26.9099

Monochromacy



Original Color

81.7090, 18.3845, 30.0732

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7870, 6.5140, 10.7108

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7090, 18.3845, 30.0732 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(116, 57, 119)` looks like.

```
.text, #text, p{  
    color:rgb(116, 57, 119)  
}
```

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(116, 57, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 57, 119) }
```

Border

The CSS property to change the border of an element to YUV 81.7090, 18.3845, 30.0732 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(116, 57, 119) }
```


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

```
.border{ border-color:rgb(116, 57, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 57, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 57, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 57, 119);  
box-shadow:4px 4px 4px 4px rgb(116, 57,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 81.7090, 18.3845, 30.0732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 57, 119) }
```

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

```
.background{ background-color: rgb(116, 57,  
119) }
```

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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