

Converting Colors

YUV(111.7310, 31.6846,
10.7599)

Have a look what the booklet for
YUV(111.7310, 31.6846, 10.7599)
contains.

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Color

**YUV(111.7310, 31.6846,
10.7599)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5DB0
RGB	124, 93, 176
RGB Percent	49%, 36%, 69%
CMY	0.5137, 0.6353, 0.3098
CMYK	0.30, 0.47, 0.00, 0.31
HSL	262°, 34%, 53%
HSV	262°, 47%, 69%
XYZ	20.0630, 15.2484, 42.9601
YIQ	111.7310, -8.1670, 32.3850

Conversions

Conversions Part 2

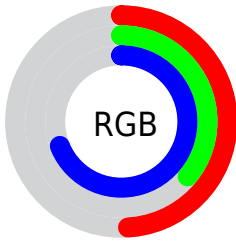
Format	Color
R_{YB}	124, 93, 176
Decimal	8150448
CIE _{Lab}	45.97, 30.58, -39.84
CIE _{LCh}	46, 50.226, 307.512
Yxy	15.2484, 0.2563, 0.1948
Android (android.graphics.Color)	4286340528 (0xFF7C5DB0)
YUV	111.7310, 31.6846, 10.7599
Hunter-Lab	39.0492, 23.3752, -37.8937

Details

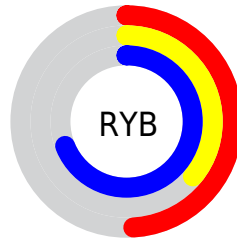
The YUV color **111.7310, 31.6846, 10.7599** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **157.2690, -31.6846, -10.7599**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4970, 33.2790, 12.7191**, and **62.5520, 29.8009, 8.2859** is the 20% darker color. If you saturate the color by 10%, you get **97.8760, 38.5151, 13.2637**, and if you desaturate by 10%, it is **125.5860, 24.8541, 8.2561**.

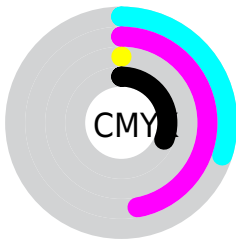
Distribution



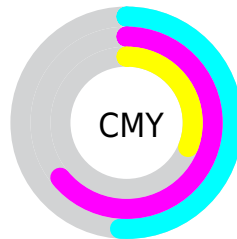
- Red (49%)
- Green (36%)
- Blue (69%)



- Red (49%)
- Yellow (36%)
- Blue (69%)



- Cyan (30%)
- Magenta (47%)
- Yellow (0%)
- Black (31%)



- Cyan (51%)
- Magenta (64%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.7310, 31.6846, 10.7599 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 111.7310, 31.6846, 10.7599 by changing the saturation by 10% instead.

■ 111.7310, 31.6846,
10.7599

■ 111.7310, 31.6846,
10.7599

■ 255.0000, 0.0000,
0.0000

■ 86.7910, 30.6690,
9.8303

■ 164.4970, 33.2790,
12.7191

■ 62.5520, 29.8009,
8.2859

■ 191.3400, 31.3844,
13.7338

■ 39.0140, 29.0801,
6.1267

■ 215.8600, 19.2960,
17.6628

■ 15.1770, 28.5067,
3.3528

■ 237.9770, 8.3923,
14.9292

■ 5.7000, 21.8399,
-4.9989

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,

0.0000

■ 111.7310, 31.6846,
10.7599

■ 111.7310, 31.6846,
10.7599

■ 97.8760, 38.5151,
13.2637

■ 125.5860, 24.8541,
8.2561

■ 84.6080, 45.0563,
15.2528

■ 138.8540, 18.3130,
6.2670

■ 70.7530, 51.8868,
17.7566

■ 152.7090, 11.4825,
3.7632

■ 57.4850, 58.4279,
19.7457

■ 165.9770, 4.9413,
1.7742

■ 43.6300, 65.2584,
22.2495

■ 179.8320, -1.8892,
-0.7297

■ 39.7980, 67.1476,
22.9792

■ 193.6870, -8.7197,
-3.2335

■ 206.9550,
-15.2608, -5.2225

■ 220.8100,
-22.0913, -7.7264

■ 234.0780,
-28.6325, -9.7154

Harmonies

Analogous

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



94.0470, 48.7838, -60.5542



111.7310, 31.6846, 10.7599



110.4450, 15.5566, 50.4757

Triad

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



111.7310, 31.6846, 10.7599



105.0740, -38.9835, 43.7851



89.2890, 14.6475, -78.3065

Complementary

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



111.7310, 31.6846, 10.7599



157.2690, -31.6846, -10.7599

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.



83.0990, -3.9928, -72.8778



111.7310, 31.6846, 10.7599



101.5900, -45.1539, 16.1456

Square

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



111.7310, 31.6846, 10.7599



106.1470, -22.7505, 63.8921



97.5560, -30.3471, -19.7816



93.2620, 32.4088, -81.7908

Rectangle

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



111.7310, 31.6846, 10.7599



107.0310, 3.4357, 64.8708



97.5560, -30.3471, -19.7816



86.9920, 8.3849, -76.2920

Sweetspot

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



111.7310, 31.6846, 10.7599



204.3500, 12.6455, 4.0781



133.5730, 20.9165, -35.5825



99.6720, 7.5567, 2.9187



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



111.7310, 31.6846, 10.7599



128.5850, 49.9976, 17.0270



123.9900, 25.6409, 35.9658



82.2220, 3.3416, 1.5593



34.4850, 58.4279, 19.7457



5.9540, 9.8827, 3.5483

Inverse Universe

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



123.7450, 10.4787, 45.8276



147.5170, 16.5071, 72.3376



145.0100, -25.6409, -35.9658



83.3750, 1.2941, 4.9331



56.6910, 19.3793, 84.4630



9.5980, 3.1562, 14.3846

Previews

White Background



This preview shows how the YUV color 111.7310, 31.6846, 10.7599 looks on a white background.

Color Contrast Check

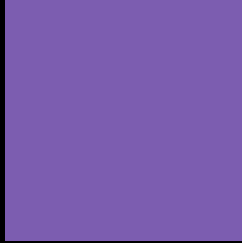
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.7310, 31.6846, 10.7599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

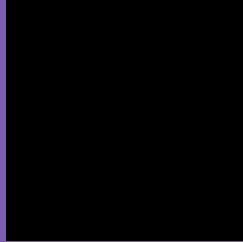
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.7310, 31.6846, 10.7599

Background



This preview shows how black text looks on a background with the YUV color 111.7310, 31.6846, 10.7599.



This preview shows how white text looks on a background with the YUV color 111.7310, 31.6846, 10.7599.

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

111.7310, 31.6846, 10.7599

Protanopia

105.4810, 40.6819, -28.4858

Deuteranopia

105.8310, 33.1143, -27.9158



Tritanopia

109.5210, 3.1941, 2.1741

Trichromacy



Original Color

111.7310, 31.6846, 10.7599

Protanomaly

107.7710, 37.5809, -13.8312

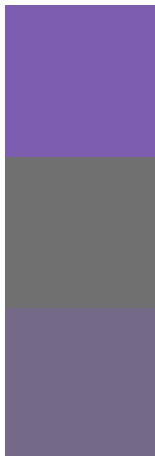
Deuteranomaly

107.8050, 32.6341, -13.8610

Tritanomaly

110.2900, 13.6610, 5.0077

Monochromacy



Original Color

111.7310, 31.6846, 10.7599

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7090, 11.4825, 3.7632

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7310, 31.6846, 10.7599 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(124, 93, 176)` looks like.

```
.text, #text, p{  
    color:rgb(124, 93, 176)  
}
```

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(124, 93, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 93, 176) }
```

Border

The CSS property to change the border of an element to YUV 111.7310, 31.6846, 10.7599 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(124, 93, 176) }
```


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

```
.border{ border-color:rgb(124, 93, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 93, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 93, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 93, 176);  
box-shadow:4px 4px 4px 4px rgb(124, 93,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 111.7310, 31.6846, 10.7599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 93, 176) }
```

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

```
.background{ background-color: rgb(124, 93,  
176) }
```

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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