

Converting Colors

YUV(121.5740, 29.7900,
11.7746)

Have a look what the booklet for
YUV(121.5740, 29.7900, 11.7746)
contains.

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Color

**YUV(121.5740, 29.7900,
11.7746)**

Conversions

Conversions Part 1

Format	Color
Hex	8767B6
RGB	135, 103, 182
RGB Percent	53%, 40%, 71%
CMY	0.4706, 0.5961, 0.2863
CMYK	0.26, 0.43, 0.00, 0.29
HSL	264°, 35%, 56%
HSV	264°, 43%, 71%
XYZ	23.2854, 18.2288, 46.5472
YIQ	121.5740, -6.2870, 31.3530

Conversions

Conversions Part 2

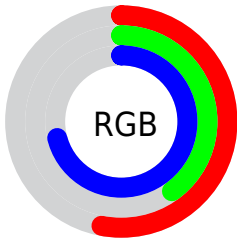
Format	Color
R _Y B	135, 103, 182
Decimal	8873910
CIE _{Lab}	49.77, 29.36, -37.26
CIE _{LCh}	50, 47.439, 308.235
Yxy	18.2288, 0.2644, 0.2070
Android (android.graphics.Color)	4287063990 (0xFF8767B6)
YUV	121.5740, 29.7900, 11.7746
Hunter-Lab	42.6952, 22.6351, -34.7526

Details

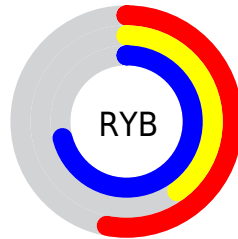
The YUV color **121.5740, 29.7900, 11.7746** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **163.4260, -29.7900, -11.7746**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9270, 31.0950, 13.2190**, and **71.8080, 28.1957, 9.8154** is the 20% darker color. If you saturate the color by 10%, you get **107.7190, 36.6205, 14.2784**, and if you desaturate by 10%, it is **135.4290, 22.9595, 9.2708**.

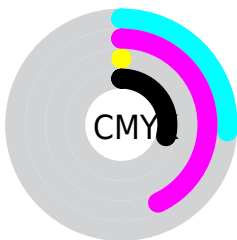
Distribution



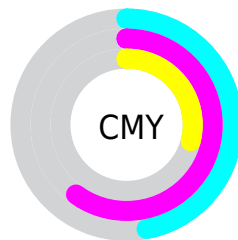
- Red (53%)
- Green (40%)
- Blue (71%)



- Red (53%)
- Yellow (40%)
- Blue (71%)



- Cyan (26%)
- Magenta (43%)
- Yellow (0%)
- Black (29%)



- Cyan (47%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5740, 29.7900, 11.7746 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 121.5740, 29.7900, 11.7746 by changing the saturation by 10% instead.

121.5740, 29.7900,
11.7746

121.5740, 29.7900,
11.7746

255.0000, 0.0000,
0.0000

96.6340, 28.7744,
10.8450

174.9270, 31.0950,
13.2190

71.8080, 28.1957,
9.8154

201.0860, 26.5796,
14.8336

48.1560, 27.0381,
7.7562

225.6060, 14.4912,
18.7625

25.0310, 26.6067,
6.1118

245.0210, 4.9196,
8.7516

10.5700, 22.3970,
3.0081

4.9360, 13.8356,
-4.3289

0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 121.5740, 29.7900,
11.7746

■ 121.5740, 29.7900,
11.7746

■ 107.7190, 36.6205,
14.2784

■ 135.4290, 22.9595,
9.2708

■ 93.8640, 43.4510,
16.7823

■ 149.2840, 16.1290,
6.7669

■ 79.7210, 50.4235,
20.4157

■ 163.4270, 9.1565,
3.1335

■ 65.8660, 57.2541,
22.9195

■ 177.2820, 2.3260,
0.6297

■ 52.0110, 64.0846,
25.4234

■ 191.1370, -4.5045,
-1.8741

■ 42.8740, 68.5891,
27.2975

■ 204.9920,
-11.3351, -4.3780

■ 218.8470,
-18.1656, -6.8818

■ 233.2890,
-25.2855, -9.9005

■ 239.8010,
-28.4959, -6.8415

Harmonies

Analogous

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



109.7670, 43.4989, -45.3997



121.5740, 29.7900, 11.7746



120.6790, 13.9623, 48.5165

Triad

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



121.5740, 29.7900, 11.7746



115.9320, -36.9415, 42.1556



95.7120, 16.4110, -83.9394

Complementary

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



121.5740, 29.7900, 11.7746



163.4260, -29.7900, -11.7746

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.



89.7500, -1.3558, -78.7108



121.5740, 29.7900, 11.7746



112.8440, -40.3491, 15.0458

Square

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



121.5740, 29.7900, 11.7746



116.5380, -22.4502, 60.9182



108.1370, -28.1685, -18.5371



99.4570, 33.2987, -87.2238

Rectangle

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



121.5740, 29.7900, 11.7746



118.5530, 1.6994, 61.7820



108.1370, -28.1685, -18.5371



94.1160, 10.2958, -82.5397

Sweetspot

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



121.5740, 29.7900, 11.7746



213.4210, 11.6244, 4.8928



139.5950, 20.9057, -32.0938



105.2590, 7.2673, 2.4039



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



121.5740, 29.7900, 11.7746



142.9720, 46.3558, 18.4416



133.2350, 24.0411, 35.7509



84.9230, 3.4890, 0.9445



36.6210, 58.8538, 23.1344



6.4810, 10.6089, 3.9632

Inverse Universe

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



131.9790, 8.8844, 43.8684



159.0990, 13.7552, 68.3192



151.7650, -24.0411, -35.7509



86.2610, 0.8573, 5.0331



57.2460, 17.6267, 86.6073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 121.5740, 29.7900, 11.7746 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 121.5740, 29.7900, 11.7746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

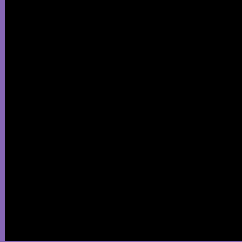
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.5740, 29.7900, 11.7746 Background



This preview shows how black text looks on a background with the YUV color 121.5740, 29.7900, 11.7746.

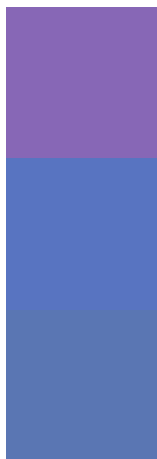


This preview shows how white text looks on a background with the YUV color 121.5740, 29.7900,

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

121.5740, 29.7900, 11.7746

Protanopia

116.4060, 37.7608, -24.9121

Deuteranopia

116.5820, 30.7721, -23.3124



Tritanopia

119.7170, 2.6045, 4.6332

Trichromacy



Original Color

121.5740, 29.7900, 11.7746

Protanomaly

118.0980, 34.9547, -11.4869

Deuteranomaly

118.5450, 30.2973, -11.0020

Tritanomaly

120.3720, 12.6346, 7.5668

Monochromacy



Original Color

121.5740, 29.7900, 11.7746

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8940, 10.8983, 4.4780

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5740, 29.7900, 11.7746 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(135, 103, 182)` looks like.

```
.text, #text, p{  
    color:rgb(135, 103, 182)  
}
```

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(135, 103, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 103, 182) }
```

Border

The CSS property to change the border of an element to YUV 121.5740, 29.7900, 11.7746 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(135, 103, 182) }
```


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

```
.border{ border-color:rgb(135, 103, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 103, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 103, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 103, 182);  
box-shadow:4px 4px 4px 4px rgb(135, 103,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 121.5740, 29.7900, 11.7746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 103, 182) }
```

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

```
.background{ background-color: rgb(135,  
103, 182) }
```

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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