

Converting Colors

YUV(153.1550, 11.7556, 9.5111)

Have a look what the booklet for
YUV(153.1550, 11.7556, 9.5111)
contains.

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Color

**YUV(153.1550, 11.7556,
9.5111)**

Conversions

Conversions Part 1

Format	Color
Hex	A48FB1
RGB	164, 143, 177
RGB Percent	64%, 56%, 69%
CMY	0.3569, 0.4392, 0.3059
CMYK	0.07, 0.19, 0.00, 0.31
HSL	277°, 18%, 63%
HSV	277°, 19%, 69%
XYZ	33.0681, 30.7118, 45.7801
YIQ	153.1550, 1.6020, 15.0260

Conversions

Conversions Part 2

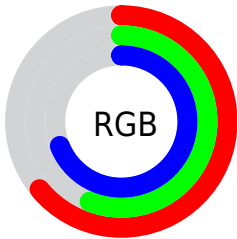
Format	Color
RYB	164, 143, 177
Decimal	10784689
CIELab	62.26, 14.32, -14.89
CIElCh	62, 20.662, 313.875
Yxy	30.7118, 0.3018, 0.2803
Android (android.graphics.Color)	4288974769 (0xFFA48FB1)
YUV	153.1550, 11.7556, 9.5111
Hunter-Lab	55.4182, 9.5294, -10.1858

Details

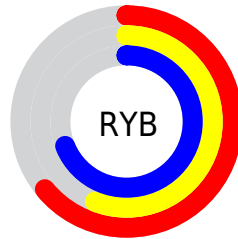
The YUV color **153.1550, 11.7556, 9.5111** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **166.8450, -11.7556, -9.5111**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6820, 12.4818, 9.9259**, and **102.2150, 10.7400, 8.5814** is the 20% darker color. If you saturate the color by 10%, you get **140.4960, 17.9965, 14.4740**, and if you desaturate by 10%, it is **165.8140, 5.5147, 4.5481**.

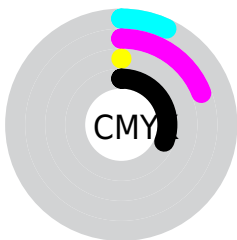
Distribution



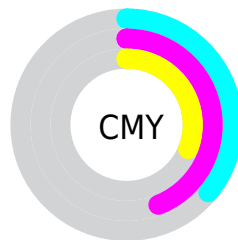
- Red (64%)
- Green (56%)
- Blue (69%)



- Red (64%)
- Yellow (56%)
- Blue (69%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (31%)



- Cyan (36%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.1550, 11.7556, 9.5111 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 153.1550, 11.7556, 9.5111 by changing the saturation by 10% instead.

■ 153.1550, 11.7556,
9.5111

■ 153.1550, 11.7556,
9.5111

255.0000, 0.0000,
0.0000

■ 127.0410, 11.3188,
9.6110

■ 207.6820, 12.4818,
9.9259

■ 102.2150, 10.7400,
8.5814

■ 235.2970, 9.7136,
11.1405

■ 77.8020, 10.4506,
8.0666

■ 253.8260, 0.5788,
1.0296

■ 55.2750, 9.7244,
7.6518

■ 32.9760, 9.8718,
7.0370

■ 10.5250, 10.5872,
10.9406

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 153.1550, 11.7556,
9.5111

■ 153.1550, 11.7556,
9.5111

■ 140.4960, 17.9965,
14.4740

■ 165.8140, 5.5147,
4.5481

■ 128.4240, 23.9480,
18.9222

■ 177.8860, -0.4368,
0.1000

■ 116.0640, 30.0414,
24.4999

■ 190.2460, -6.5303,
-5.4777

■ 103.4050, 36.2823,
29.4628

■ 202.9050,
-12.7712, -10.4407

■ 91.3330, 42.2338,
33.9110

■ 215.5640,
-19.0121, -15.4036

■ 78.6740, 48.4747,
38.8739

■ 227.6360,
-24.9635, -19.8518

■ 66.3140, 54.5682,
44.4516

■ 232.9520,
-27.5843, -19.2519

■ 53.6550, 60.8091,
49.4146

■ 235.0450,
-28.6162, -14.9485

■ 52.7690, 61.2459,
49.3146

■ 237.1380,
-29.6480, -10.6450

Harmonies

Analogous

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



150.5270, 17.4882, -9.2322



153.1550, 11.7556, 9.5111



153.4790, 3.7079, 24.1359

Triad

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



153.1550, 11.7556, 9.5111



150.6530, -17.0839, 19.5983



142.8320, 7.9708, -36.6867

Complementary

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



153.1550, 11.7556, 9.5111



166.8450, -11.7556, -9.5111

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.



144.2650, -2.1026, -25.6654



153.1550, 11.7556, 9.5111



148.6790, -16.6037, 5.5435

Square

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



153.1550, 11.7556, 9.5111



151.8590, -12.7485, 29.0647



146.6600, -11.1714, -10.2258



143.1830, 15.6858, -37.8715

Rectangle

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



153.1550, 11.7556, 9.5111



153.3180, -2.1288, 29.5391



146.6600, -11.1714, -10.2258



142.9310, 4.4710, -34.1425

Sweetspot

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



153.1550, 11.7556, 9.5111



219.9880, 4.9359, 3.5185



154.5070, 11.0890, -10.0916



109.4070, 2.7573, 2.2741



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.



153.1550, 11.7556, 9.5111



192.6100, 18.4333, 14.3740



156.5860, 8.0921, 17.9031



82.8200, 3.0467, 2.7889



45.8470, 52.8264, 43.1072



7.7480, 8.9982, 7.2370

Inverse Universe

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



154.6480, 0.6665, 19.6027



195.1270, 0.9234, 30.5836



163.4140, -8.0921, -17.9031



83.1470, 0.4205, 5.1331



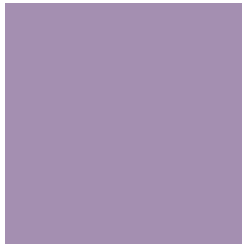
52.4730, 3.2178, 88.1622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 153.1550, 11.7556, 9.5111 looks on a white background.

Color Contrast Check

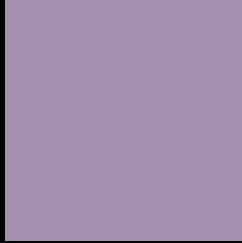
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 153.1550, 11.7556, 9.5111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

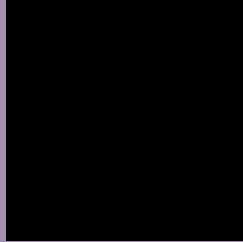
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.1550, 11.7556, 9.5111

Background



This preview shows how black text looks on a background with the YUV color 153.1550, 11.7556, 9.5111.



This preview shows how white text looks on a background with the YUV color 153.1550, 11.7556, 9.5111.

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

153.1550, 11.7556, 9.5111

Protanopia

151.1530, 14.7146, -6.2732

Deuteranopia

152.1000, 11.7827, 0.7893



Tritanopia

151.8530, 3.0305, 8.0219

Trichromacy



Original Color

153.1550, 11.7556, 9.5111

Protanomaly

151.9580, 13.8247, -0.8402

Deuteranomaly

152.7090, 11.4825, 3.7632

Tritanomaly

152.3630, 6.2300, 8.4516

Monochromacy



Original Color

153.1550, 11.7556, 9.5111

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8740, 4.4991, 3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.1550, 11.7556, 9.5111 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(164, 143, 177)` looks like.

```
.text, #text, p{  
    color:rgb(164, 143, 177)  
}
```

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(164, 143, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 143, 177) }
```

Border

The CSS property to change the border of an element to YUV 153.1550, 11.7556, 9.5111 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(164, 143, 177) }
```


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

```
.border{ border-color:rgb(164, 143, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 143, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 143, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 143, 177);  
box-shadow:4px 4px 4px 4px rgb(164, 143,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 153.1550, 11.7556, 9.5111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 143, 177) }
```

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

```
.background{ background-color: rgb(164,  
143, 177) }
```

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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