

Converting Colors

YUV(127.5310, 15.0212,
35.4913)

Have a look what the booklet for
YUV(127.5310, 15.0212, 35.4913)
contains.

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Color

**YUV(127.5310, 15.0212,
35.4913)**

Conversions

Conversions Part 1

Format	Color
Hex	A8659E
RGB	168, 101, 158
RGB Percent	66%, 40%, 62%
CMY	0.3412, 0.6039, 0.3804
CMYK	0.00, 0.40, 0.06, 0.34
HSL	309°, 28%, 53%
HSV	309°, 40%, 66%
XYZ	26.9737, 20.1008, 34.8059
YIQ	127.5310, 21.6350, 31.9310

Conversions

Conversions Part 2

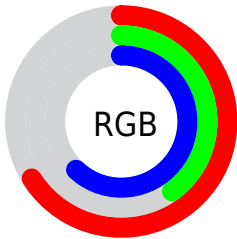
Format	Color
R_{YB}	168, 101, 158
Decimal	11036062
CIE _{Lab}	51.95, 35.68, -19.59
CIE _{LCh}	52, 40.710, 331.230
Yxy	20.1008, 0.3294, 0.2455
Android (android.graphics.Color)	4289226142 (0xFFA8659E)
YUV	127.5310, 15.0212, 35.4913
Hunter-Lab	44.8339, 28.9326, -14.6449

Details

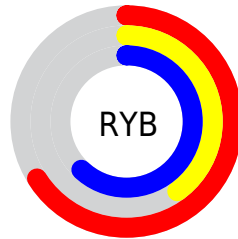
The YUV color **127.5310, 15.0212, 35.4913** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **141.4690, -15.0212, -35.4913**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0690, 15.7420, 37.6505**, and **76.1070, 14.7372, 33.2322** is the 20% darker color. If you saturate the color by 10%, you get **117.2100, 18.6305, 44.5428**, and if you desaturate by 10%, it is **137.8520, 11.4120, 26.4398**.

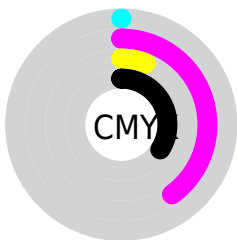
Distribution



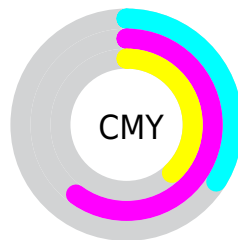
- Red (66%)
- Green (40%)
- Blue (62%)



- Red (66%)
- Yellow (40%)
- Blue (62%)



- Cyan (0%)
- Magenta (40%)
- Yellow (6%)
- Black (34%)



- Cyan (34%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.5310, 15.0212, 35.4913 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 127.5310, 15.0212, 35.4913 by changing the saturation by 10% instead.

127.5310, 15.0212,
35.4913

127.5310, 15.0212,
35.4913

255.0000, 0.0000,
0.0000

101.8190, 14.8792,
34.3617

181.0690, 15.7420,
37.6505

76.1070, 14.7372,
33.2322

209.3680, 15.5946,
38.2653

51.8080, 14.8847,
32.6174

227.9980, 13.3120,
23.6808

25.8620, 16.3370,
33.4470

244.4340, 5.2090,
9.2664

16.7760, 9.9704,
22.1214

1.5960, 6.1152,
-1.3997

0.0000, 0.0000,

0.0000

127.5310, 15.0212,
35.4913

127.5310, 15.0212,
35.4913

117.2100, 18.6305,
44.5428

137.8520, 11.4120,
26.4398

107.0030, 22.6765,
53.4944

148.0590, 7.3659,
17.4883

97.2690, 25.9964,
62.0311

157.7930, 4.0461,
8.9515

87.0620, 30.0424,
70.9826

168.0000, 0.0000,
0.0000

76.7410, 33.6517,
80.0341

178.3210, -3.6093,
-9.0515

66.5340, 37.6977,
88.9857

188.5280, -7.6553,
-18.0031

■ 198.8490,
-11.2646, -27.0546

■ 208.4690,
-15.0212, -35.4913

■ 218.7900,
-18.6305, -44.5428

Harmonies

Analogous

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



126.1660, 28.5122, 1.6084



127.5310, 15.0212, 35.4913



125.2270, -0.6049, 54.1749

Triad

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



127.5310, 15.0212, 35.4913



120.2990, -33.6714, 19.9088



100.8930, 28.6468, -88.4832

Complementary

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



127.5310, 15.0212, 35.4913



141.4690, -15.0212, -35.4913

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.



96.9030, 13.3588, -84.9839



127.5310, 15.0212, 35.4913



116.5450, -26.8907, -8.3710

Square

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



127.5310, 15.0212, 35.4913



122.8810, -29.5213, 42.2004



109.9780, -10.3422, -42.9537



100.8080, 41.0137, -88.4086

Rectangle

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



127.5310, 15.0212, 35.4913



124.3770, -11.5249, 56.6744



109.9780, -10.3422, -42.9537



99.6390, 23.8420, -87.3834

Sweetspot

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



127.5310, 15.0212, 35.4913



203.2820, 5.7770, 13.7847



111.3290, 27.9388, -1.1655



100.2660, 3.3199, 8.5367



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



127.5310, 15.0212, 35.4913



155.6550, 23.8341, 55.5536



123.8830, 1.0437, 38.6906



79.1900, 1.8783, 4.2184



58.6160, 33.2203, 78.3898



7.9180, 4.4774, 10.5959

Inverse Universe

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



127.5310, 15.0212, 35.4913



155.6550, 23.8341, 55.5536



145.1170, -1.0437, -38.6906



79.1900, 1.8783, 4.2184



58.6160, 33.2203, 78.3898



7.9180, 4.4774, 10.5959

Previews

White Background



This preview shows how the YUV color 127.5310, 15.0212, 35.4913 looks on a white 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

Black Background



This preview shows how the YUV color 127.5310, 15.0212, 35.4913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

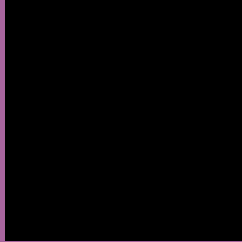
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.5310, 15.0212, 35.4913

Background



This preview shows how black text looks on a background with the YUV color 127.5310, 15.0212, 35.4913.



This preview shows how white text looks on a background with the YUV color 127.5310, 15.0212,

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

127.5310, 15.0212, 35.4913

Protanopia

124.6280, 24.3404, -13.7058

Deuteranopia

125.3490, 14.1249, -3.8141



Tritanopia

126.1720, -4.0288, 32.2982

Trichromacy



Original Color

127.5310, 15.0212, 35.4913

Protanomaly

125.5270, 20.9392, 3.9228

Deuteranomaly

125.8500, 14.3710, 10.6556

Tritanomaly

126.7190, 3.0965, 33.5724

Monochromacy



Original Color

127.5310, 15.0212, 35.4913

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8690, 5.4876, 13.2699

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5310, 15.0212, 35.4913 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(168, 101, 158)` looks like.

```
.text, #text, p{  
    color:rgb(168, 101, 158)  
}
```

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(168, 101, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 101, 158) }
```

Border

The CSS property to change the border of an element to YUV 127.5310, 15.0212, 35.4913 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(168, 101, 158) }
```


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

```
.border{ border-color:rgb(168, 101, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 101, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 101, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 101, 158);  
box-shadow:4px 4px 4px 4px rgb(168, 101,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 127.5310, 15.0212, 35.4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 101, 158) }
```

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

```
.background{ background-color: rgb(168,  
101, 158) }
```

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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