

Converting Colors

YUV(136.7610, 22.7958,
15.1186)

Have a look what the booklet for
YUV(136.7610, 22.7958, 15.1186)
contains.

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Color

**YUV(136.7610, 22.7958,
15.1186)**

Conversions

Conversions Part 1

Format	Color
Hex	9A77B7
RGB	154, 119, 183
RGB Percent	60%, 47%, 72%
CMY	0.3961, 0.5333, 0.2824
CMYK	0.16, 0.35, 0.00, 0.28
HSL	273°, 31%, 59%
HSV	273°, 35%, 72%
XYZ	28.4705, 23.4826, 47.8318
YIQ	136.7610, 0.3160, 27.3240

Conversions

Conversions Part 2

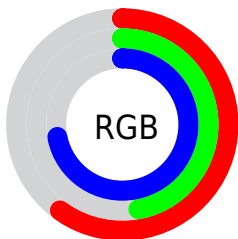
Format	Color
RYB	154, 119, 183
Decimal	10123191
CIELab	55.57, 26.07, -28.65
CIELCh	56, 38.735, 312.305
Yxy	23.4826, 0.2853, 0.2353
Android (android.graphics.Color)	4288313271 (0xFF9A77B7)
YUV	136.7610, 22.7958, 15.1186
Hunter-Lab	48.4588, 20.0693, -24.6016

Details

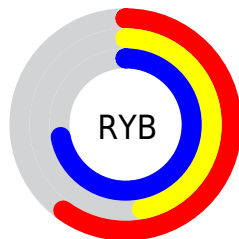
The YUV color **136.7610, 22.7958, 15.1186** is a light color, and the websafe version is hex **996699**. A complement of this color would be **165.2390, -22.7958, -15.1186**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7010, 23.8114, 16.0482**, and **86.4080, 21.4909, 13.6742** is the 20% darker color. If you saturate the color by 10%, you get **123.8030, 29.1841, 19.4668**, and if you desaturate by 10%, it is **149.7190, 16.4075, 10.7704**.

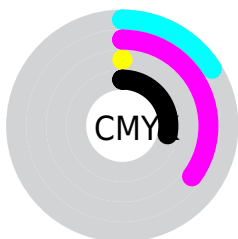
Distribution



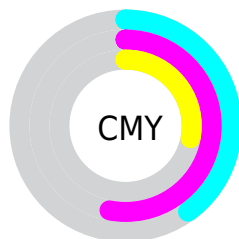
- Red (60%)
- Green (47%)
- Blue (72%)



- Red (60%)
- Yellow (47%)
- Blue (72%)



- Cyan (16%)
- Magenta (35%)
- Yellow (0%)
- Black (28%)



- Cyan (40%)
- Magenta (53%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.7610, 22.7958, 15.1186 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 136.7610, 22.7958, 15.1186 by changing the saturation by 10% instead.

■ 136.7610, 22.7958,
15.1186

■ 136.7610, 22.7958,
15.1186

255.0000, 0.0000,
0.0000

■ 110.9350, 22.2170,
14.0890

■ 190.7010, 23.8114,
16.0482

■ 86.4080, 21.4909,
13.6742

■ 217.0450, 18.7118,
18.3775

■ 62.4680, 20.4753,
12.7446

■ 238.5640, 8.1029,
14.4144

■ 39.6420, 19.8965,
11.7150

■ 16.6420, 19.8965,
11.7150

■ 3.9900, 15.2879,
-3.4992

■ 1.0260, 3.9312,

-0.8998

0.0000, 0.0000,
0.0000

136.7610, 22.7958,
15.1186

136.7610, 22.7958,
15.1186

123.8030, 29.1841,
19.4668

149.7190, 16.4075,
10.7704

109.9590, 36.0092,
23.7150

163.5630, 9.5824,
6.5222

97.0010, 42.3975,
28.0631

176.5210, 3.1941,
2.1741

84.0430, 48.7858,
32.4113

189.4790, -3.1941,
-2.1741

70.4980, 55.4635,
37.2743

203.0240, -9.8718,
-7.0370

■ 57.2410, 61.9992,
41.0076

■ 216.2810,
-16.4075, -10.7704

■ 50.7620, 65.1933,
43.1817

■ 229.2390,
-22.7958, -15.1186

■ 236.3270,
-26.2902, -14.3188

■ 239.0180,
-27.6169, -8.7858

Harmonies

Analogous

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



131.2660, 33.3929, -23.9123



136.7610, 22.7958, 15.1186



136.2670, 8.7424, 42.7388

Triad

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



136.7610, 22.7958, 15.1186



131.4840, -30.8046, 33.7785



105.2810, 20.0745, -92.3314

Complementary

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



136.7610, 22.7958, 15.1186



165.2390, -22.7958, -15.1186

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.



116.6760, -2.3053, -54.0899



136.7610, 22.7958, 15.1186



129.1020, -31.6023, 9.5575

Square

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



136.7610, 22.7958, 15.1186



132.9990, -21.6915, 50.8669



124.6730, -21.0378, -19.0072



107.0540, 34.4834, -93.8864

Rectangle

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



136.7610, 22.7958, 15.1186



134.9880, -1.4731, 52.6305



124.6730, -21.0378, -19.0072



103.4400, 15.5591, -90.7169

Sweetspot

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



136.7610, 22.7958, 15.1186



219.6230, 8.5669, 5.5926



143.9060, 19.2733, -21.8426



109.1020, 5.3727, 3.4185



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.



136.7610, 22.7958, 15.1186



165.4320, 35.2830, 23.3001



145.2040, 17.6474, 33.1471



85.5210, 3.1941, 2.1741



43.1990, 55.6109, 36.6595



7.6770, 10.0192, 6.4223

Inverse Universe

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



141.4420, 3.2331, 36.4464



172.7310, 5.0626, 56.3639



156.7960, -17.6474, -33.1471



86.1470, 0.4205, 5.1331



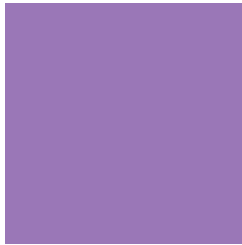
54.6240, 7.5804, 88.9068



9.8540, 1.5510, 15.9140

Previews

White Background



This preview shows how the YUV color 136.7610, 22.7958, 15.1186 looks on a white background.

Color Contrast Check

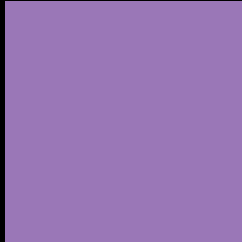
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7610, 22.7958, 15.1186 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 136.7610, 22.7958, 15.1186

Background



This preview shows how black text looks on a background with the YUV color 136.7610, 22.7958, 15.1186.



This preview shows how white text looks on a background with the YUV color 136.7610, 22.7958,

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

136.7610, 22.7958, 15.1186

Protanopia

132.6860, 29.7348, -17.2646

Deuteranopia

133.4110, 23.4614, -11.7614



Tritanopia

134.8210, 1.5672, 10.6810

Trichromacy



Original Color

136.7610, 22.7958, 15.1186

Protanomaly

134.3670, 26.9341, -5.5839

Deuteranomaly

134.7650, 23.2869, -2.4249

Tritanomaly

135.7810, 8.9820, 12.4701

Monochromacy



Original Color

136.7610, 22.7958, 15.1186

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.6230, 8.5669, 5.5926

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7610, 22.7958, 15.1186 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(154, 119, 183)` looks like.

```
.text, #text, p{  
    color:rgb(154, 119, 183)  
}
```

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(154, 119, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 119, 183) }
```

Border

The CSS property to change the border of an element to YUV 136.7610, 22.7958, 15.1186 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(154, 119, 183) }
```


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

```
.border{ border-color:rgb(154, 119, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 119, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 119, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 119, 183);  
box-shadow:4px 4px 4px 4px rgb(154, 119,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 136.7610, 22.7958, 15.1186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 119, 183) }
```

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

```
.background{ background-color: rgb(154,  
119, 183) }
```

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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