

Converting Colors

YUV(108.7610, 22.7958,
15.1186)

Have a look what the booklet for
YUV(108.7610, 22.7958, 15.1186)
contains.

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Color

**YUV(108.7610, 22.7958,
15.1186)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5B9B
RGB	126, 91, 155
RGB Percent	49%, 36%, 61%
CMY	0.5059, 0.6431, 0.3922
CMYK	0.19, 0.41, 0.00, 0.39
HSL	273°, 26%, 48%
HSV	273°, 41%, 61%
XYZ	18.2617, 14.2843, 32.8050
YIQ	108.7610, 0.3160, 27.3240

Conversions

Conversions Part 2

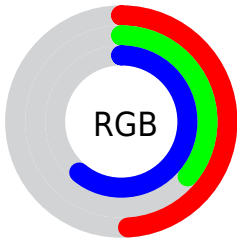
Format	Color
R_{YB}	126, 91, 155
Decimal	8280987
CIE _{Lab}	44.64, 27.15, -29.53
CIE _{LCh}	45, 40.111, 312.592
Yxy	14.2843, 0.2794, 0.2186
Android (android.graphics.Color)	4286471067 (0xFF7E5B9B)
YUV	108.7610, 22.7958, 15.1186
Hunter-Lab	37.7946, 20.1072, -25.0063

Details

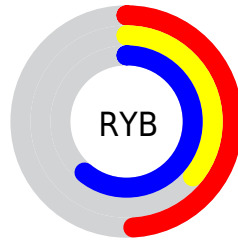
The YUV color **108.7610, 22.7958, 15.1186** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **137.2390, -22.7958, -15.1186**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.1140, 24.1008, 16.5630**, and **59.9950, 21.2015, 13.1594** is the 20% darker color. If you saturate the color by 10%, you get **97.8630, 28.1685, 18.5371**, and if you desaturate by 10%, it is **120.2460, 17.1337, 11.1853**.

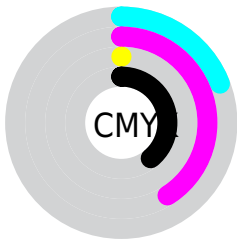
Distribution



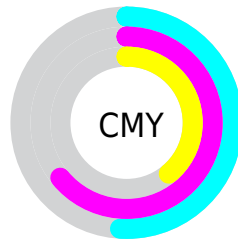
- Red (49%)
- Green (36%)
- Blue (61%)



- Red (49%)
- Yellow (36%)
- Blue (61%)



- Cyan (19%)
- Magenta (41%)
- Yellow (0%)
- Black (39%)



- Cyan (51%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.7610, 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 108.7610, 22.7958, 15.1186 by changing the saturation by 10% instead.

■ 108.7610, 22.7958,
15.1186

■ 108.7610, 22.7958,
15.1186

■ 255.0000, 0.0000,
0.0000

■ 83.9350, 22.2170,
14.0890

■ 161.1140, 24.1008,
16.5630

■ 59.9950, 21.2015,
13.1594

■ 187.9400, 24.6796,
17.5926

■ 37.1690, 20.6227,
12.1298

■ 214.6860, 19.8748,
18.6924

■ 14.7560, 20.3333,
11.6150

■ 236.8030, 8.9711,
15.9588

■ 3.8760, 14.8511,
-3.3993

■ 253.8260, 0.5788,
1.0296

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 108.7610, 22.7958,
15.1186

■ 108.7610, 22.7958,
15.1186

■ 97.8630, 28.1685,
18.5371

■ 120.2460, 17.1337,
11.1853

■ 86.3780, 33.8306,
22.4705

■ 131.1440, 11.7610,
7.7667

■ 75.4800, 39.2034,
25.8890

■ 142.6290, 6.0989,
3.8334

■ 63.9950, 44.8655,
29.8224

■ 153.5270, 0.7262,
0.4148

■ 53.0970, 50.2382,
33.2409

■ 165.0120, -4.9359,
-3.5185

■ 43.0850, 55.1741,
36.7595

■ 175.9100,
-10.3086, -6.9371

■ 187.3950,
-15.9707, -10.8704

■ 198.2930,
-21.3434, -14.2890

■ 209.7780,
-27.0056, -18.2223

Harmonies

Analogous

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



102.0700, 33.9825, -26.3714



108.7610, 22.7958, 15.1186



107.6800, 9.0318, 43.2536

Triad

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



108.7610, 22.7958, 15.1186



103.3590, -31.2360, 32.1342



85.1800, 16.6733, -74.7029

Complementary

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



108.7610, 22.7958, 15.1186



137.2390, -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.



80.9020, 1.5273, -70.0741



108.7610, 22.7958, 15.1186



100.6890, -31.8917, 9.0427

Square

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



108.7610, 22.7958, 15.1186



104.5150, -20.9599, 49.5373



96.3740, -20.8904, -19.6220



87.5400, 30.7928, -76.7726

Rectangle

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



108.7610, 22.7958, 15.1186



106.1020, -1.0363, 52.5305



96.3740, -20.8904, -19.6220



83.9260, 11.8685, -73.6031

Sweetspot

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



108.7610, 22.7958, 15.1186



183.6230, 8.5669, 5.5926



115.9060, 19.2733, -21.8426



91.9880, 4.9359, 3.5185



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



108.7610, 22.7958, 15.1186



128.8450, 35.5724, 23.8149



117.2040, 17.6474, 33.1471



71.1080, 2.9048, 1.6593



38.9830, 49.8014, 33.3409



3.5750, 4.6465, 3.0037

Inverse Universe

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



113.4420, 3.2331, 36.4464



136.0300, 4.9152, 56.9787



128.7960, -17.6474, -33.1471



71.7340, 0.1311, 4.6183



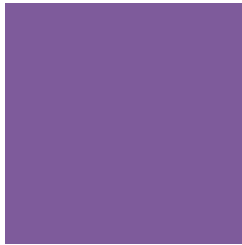
49.1560, 7.3181, 79.6702



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 108.7610, 22.7958, 15.1186 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 108.7610, 22.7958, 15.1186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

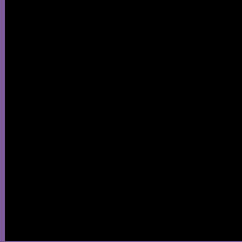
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.7610, 22.7958, 15.1186

Background



This preview shows how black text looks on a background with the YUV color 108.7610, 22.7958, 15.1186.



This preview shows how white text looks on a background with the YUV color 108.7610, 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

108.7610, 22.7958, 15.1186

Protanopia

104.7890, 30.1770, -19.1090

Deuteranopia

105.2750, 23.0354, -15.1502



Tritanopia

106.9950, 0.9885, 9.6514

Trichromacy



Original Color

108.7610, 22.7958, 15.1186

Protanomaly

106.1820, 27.5183, -6.2986

Deuteranomaly

106.6400, 22.8555, -4.0693

Tritanomaly

107.4820, 9.1294, 11.8553

Monochromacy



Original Color

108.7610, 22.7958, 15.1186

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.6230, 8.5669, 5.5926

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7610, 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(126, 91, 155)` looks like.

```
.text, #text, p{  
    color:rgb(126, 91, 155)  
}
```

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(126, 91, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 91, 155) }
```

Border

The CSS property to change the border of an element to YUV 108.7610, 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(126, 91, 155) }
```


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

```
.border{ border-color:rgb(126, 91, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 91, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 91, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 91, 155);  
box-shadow:4px 4px 4px 4px rgb(126, 91,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 108.7610, 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(126, 91, 155) }
```

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

```
.background{ background-color: rgb(126, 91,  
155) }
```

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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