

Converting Colors

YUV(107.4710, 32.7988,
26.7739)

Have a look what the booklet for
YUV(107.4710, 32.7988, 26.7739)
contains.

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Color

**YUV(107.4710, 32.7988,
26.7739)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4FAE
RGB	138, 79, 174
RGB Percent	54%, 31%, 68%
CMY	0.4588, 0.6902, 0.3176
CMYK	0.21, 0.55, 0.00, 0.32
HSL	277°, 38%, 50%
HSV	277°, 55%, 68%
XYZ	20.9172, 14.0512, 41.6541
YIQ	107.4710, 4.6690, 42.0530

Conversions

Conversions Part 2

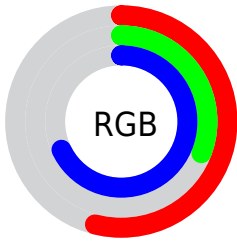
Format	Color
R_{YB}	138, 79, 174
Decimal	9064366
CIE _{Lab}	44.31, 41.93, -41.21
CIE _{LCh}	44, 58.794, 315.497
Yxy	14.0512, 0.2730, 0.1834
Android (android.graphics.Color)	4287254446 (0xFF8A4FAE)
YUV	107.4710, 32.7988, 26.7739
Hunter-Lab	37.4850, 34.0071, -39.6448

Details

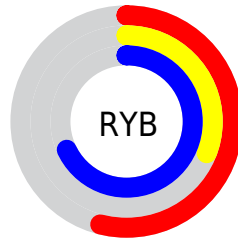
The YUV color $107.4710, 32.7988, 26.7739$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $145.5290, -32.7988, -26.7739$, and the grayscale version is $107.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $160.5360, 34.2458, 29.3479$, and $56.2320, 31.9306, 25.2295$ is the 20% darker color. If you saturate the color by 10%, you get $95.3990, 38.7503, 31.2221$, and if you desaturate by 10%, it is $119.5430, 26.8473, 22.3258$.

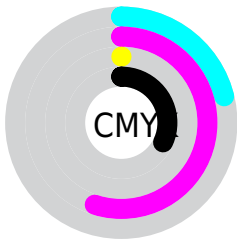
Distribution



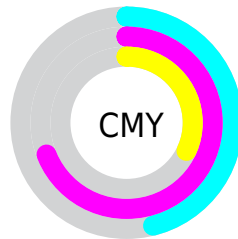
- Red (54%)
- Green (31%)
- Blue (68%)



- Red (54%)
- Yellow (31%)
- Blue (68%)



- Cyan (21%)
- Magenta (55%)
- Yellow (0%)
- Black (32%)



- Cyan (46%)
- Magenta (69%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.4710, 32.7988, 26.7739 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 107.4710, 32.7988, 26.7739 by changing the saturation by 10% instead.

107.4710, 32.7988,
26.7739

107.4710, 32.7988,
26.7739

255.0000, 0.0000,
0.0000

81.6450, 32.2200,
25.7443

160.5360, 34.2458,
29.3479

56.2320, 31.9306,
25.2295

187.6070, 33.2247,
30.1627

29.1720, 32.9462,
26.1592

212.7140, 20.8470,
33.5768

18.2600, 26.0008,
13.8040

230.3460, 12.1544,
21.6216

5.4720, 20.9663,
-4.7989

246.7820, 4.0515,
7.2072

3.5510, 11.0674,
-3.1142

0.0000, 0.0000,

0.0000

■ 107.4710, 32.7988,
26.7739

■ 107.4710, 32.7988,
26.7739

■ 95.3990, 38.7503,
31.2221

■ 119.5430, 26.8473,
22.3258

■ 83.0390, 44.8438,
36.7998

■ 131.9030, 20.7538,
16.7481

■ 70.9670, 50.7953,
41.2479

■ 143.9750, 14.8023,
12.2999

■ 58.6070, 56.8887,
46.8257

■ 156.3350, 8.7088,
6.7222

■ 52.1280, 60.0829,
48.9997

■ 168.4070, 2.7573,
2.2741

■ 180.4790, -3.1941,
-2.1741

■ 192.8390, -9.2876,
-7.7518

■ 204.9110,
-15.2391, -12.1999

■ 217.2710,
-21.3326, -17.7777

Harmonies

Analogous

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



93.7370, 52.3877, -49.7583



107.4710, 32.7988, 26.7739



101.0390, 14.7708, 69.2488

Triad

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



107.4710, 32.7988, 26.7739



98.8320, -48.7242, 41.3663



89.3690, 20.0311, -78.3766

Complementary

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



107.4710, 32.7988, 26.7739



145.5290, -32.7988, -26.7739

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.



82.2670, -2.1036, -72.1482



107.4710, 32.7988, 26.7739



95.3670, -47.0159, 6.6941

Square

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



107.4710, 32.7988, 26.7739



98.7040, -30.9131, 68.6656



85.8910, -28.5403, -39.3694



93.2110, 39.8290, -81.7460

Rectangle

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



107.4710, 32.7988, 26.7739



96.7450, 0.6187, 81.7846



85.8910, -28.5403, -39.3694



87.4310, 12.6055, -76.6770

Sweetspot

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



107.4710, 32.7988, 26.7739



201.6820, 12.4818, 9.9259



110.9620, 31.0777, -28.0307



99.3950, 7.6933, 5.7926



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.



107.4710, 32.7988, 26.7739



121.9070, 51.8108, 42.1776



116.9810, 22.6874, 50.0057



80.5210, 3.1941, 2.1741



44.9070, 51.8108, 42.1776



6.8080, 7.9827, 6.3074

Inverse Universe

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



111.5090, 1.7211, 54.8046



128.3480, 2.7864, 86.5178



136.0190, -22.6874, -50.0057



81.0330, -0.0163, 5.2331



51.3480, 2.7864, 86.5178



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 107.4710, 32.7988, 26.7739 looks on a white background.

Color Contrast Check

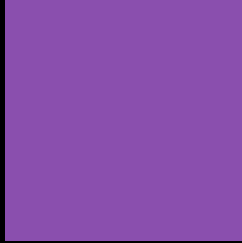
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.4710, 32.7988, 26.7739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

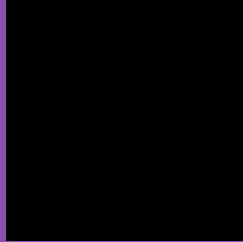
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.4710, 32.7988, 26.7739

Background



This preview shows how black text looks on a background with the YUV color 107.4710, 32.7988, 26.7739.



This preview shows how white text looks on a background with the YUV color 107.4710, 32.7988, 26.7739.

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

107.4710, 32.7988, 26.7739

Protanopia

98.6630, 47.9871, -38.2925

Deuteranopia

101.2330, 33.4091, -29.1453



Tritanopia

106.7680, -1.3646, 17.7435

Trichromacy



Original Color

107.4710, 32.7988, 26.7739

Protanomaly

102.0250, 42.3857, -14.9309

Deuteranomaly

103.6530, 33.2021, -9.3427

Tritanomaly

106.7050, 10.9914, 21.3067

Monochromacy



Original Color

107.4710, 32.7988, 26.7739

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.1550, 11.7556, 9.5111

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.4710, 32.7988, 26.7739 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(138, 79, 174)` looks like.

```
.text, #text, p{  
    color:rgb(138, 79, 174)  
}
```

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(138, 79, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 79, 174) }
```

Border

The CSS property to change the border of an element to YUV 107.4710, 32.7988, 26.7739 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(138, 79, 174) }
```


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

```
.border{ border-color:rgb(138, 79, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 79, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 79, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 79, 174);  
box-shadow:4px 4px 4px 4px rgb(138, 79,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 107.4710, 32.7988, 26.7739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 79, 174) }
```

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

```
.background{ background-color: rgb(138, 79,  
174) }
```

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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