

Converting Colors

YUV(109.4760, 15.0483,
26.7695)

Have a look what the booklet for
YUV(109.4760, 15.0483, 26.7695)
contains.

YUV(109.4760, 15.0483, 26.7695)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.4760, 15.0483,
26.7695)**

Conversions

Conversions Part 1

Format	Color
Hex	8C588C
RGB	140, 88, 140
RGB Percent	55%, 35%, 55%
CMY	0.4510, 0.6549, 0.4510
CMYK	0.00, 0.37, 0.00, 0.45
HSL	300°, 23%, 45%
HSV	300°, 37%, 55%
XYZ	19.0386, 14.4483, 26.5963
YIQ	109.4760, 14.3000, 27.1960

Conversions

Conversions Part 2

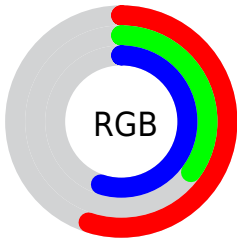
Format	Color
R_{YB}	140, 88, 140
Decimal	9197708
CIE _{Lab}	44.87, 30.18, -20.07
CIE _{LCh}	45, 36.250, 326.374
Yxy	14.4483, 0.3169, 0.2405
Android (android.graphics.Color)	4287387788 (0xFF8C588C)
YUV	109.4760, 15.0483, 26.7695
Hunter-Lab	38.0110, 22.8861, -14.8776

Details

The YUV color **109.4760, 15.0483, 26.7695** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **118.5240, -15.0483, -26.7695**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0140, 15.7691, 28.9287**, and **60.3510, 14.6170, 25.1252** is the 20% darker color. If you saturate the color by 10%, you get **101.2580, 19.0998, 33.9767**, and if you desaturate by 10%, it is **117.6940, 10.9969, 19.5624**.

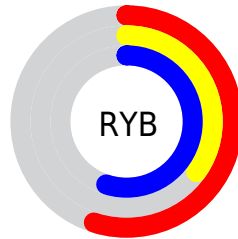
Distribution



Red (55%)

Green (35%)

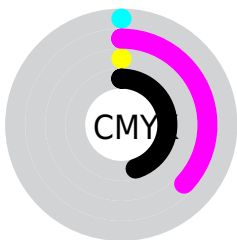
Blue (55%)



Red (55%)

Yellow (35%)

Blue (55%)

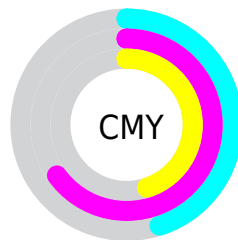


Cyan (0%)

Magenta (37%)

Yellow (0%)

Black (45%)



Cyan (45%)


Magenta (65%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.4760, 15.0483, 26.7695 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 109.4760, 15.0483, 26.7695 by changing the saturation by 10% instead.


 109.4760, 15.0483,
26.7695


 109.4760, 15.0483,
26.7695


255.0000, 0.0000,
0.0000


 84.6500, 14.4696,
25.7400


 162.0140, 15.7691,
28.9287

 60.3510, 14.6170,
25.1252


 189.4270, 16.0585,
29.4435


 36.6390, 14.4750,
23.9956

 217.1390, 16.2005,
30.5731

 17.2750, 13.1754,
20.8068

 235.0420, 9.8393,
17.5032

 5.0140, 8.8671,
2.6187

 252.0650, 1.4470,
2.5740

 0.0000, 0.0000,
0.0000

109.4760, 15.0483,
26.7695

109.4760, 15.0483,
26.7695

101.2580, 19.0998,
33.9767

117.6940, 10.9969,
19.5624

93.0400, 23.1513,
41.1839

125.9120, 6.9454,
12.3552

84.8220, 27.2028,
48.3911

134.1300, 2.8939,
5.1480

76.6040, 31.2542,
55.5983

142.3480, -1.1576,
-2.0592

68.3860, 35.3057,
62.8055

150.5660, -5.2090,
-9.2664

60.1680, 39.3572,
70.0127

158.7840, -9.2605,
-16.4736

57.8200, 40.5147,
72.0719

167.0020,
-13.3120, -23.6808

175.2200,

-17.3635, -30.8879

 183.4380,
-21.4149, -38.0951

Harmonies

Analogous

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



107.4380, 25.9131, -4.7691



109.4760, 15.0483, 26.7695



108.0410, 1.4588, 45.5680

Triad

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



109.4760, 15.0483, 26.7695



103.4500, -29.3088, 20.6533



86.0750, 22.6410, -75.4878

Complementary

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



109.4760, 15.0483, 26.7695



118.5240, -15.0483, -26.7695

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.



82.5410, 9.1003, -72.3885



109.4760, 15.0483, 26.7695



100.4470, -24.8704, -3.0230

Square

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



109.4760, 15.0483, 26.7695



105.2380, -24.2743, 39.2563



95.3000, -11.9799, -30.9581



87.0500, 33.9924, -76.3428

Rectangle

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



109.4760, 15.0483, 26.7695



106.6580, -7.7194, 49.4119



95.3000, -11.9799, -30.9581



84.9350, 18.2730, -74.4880

Sweetspot

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



109.4760, 15.0483, 26.7695



169.2600, 5.7878, 10.2960



93.9280, 22.7135, -5.1989



84.9560, 3.4727, 6.1776



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



109.4760, 15.0483, 26.7695



133.4530, 23.4407, 41.6987



106.5120, 3.6916, 29.3690



64.8910, 2.0257, 3.6036



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Inverse Universe

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



109.4760, 15.0483, 26.7695



133.4530, 23.4407, 41.6987



121.4880, -3.6916, -29.3690



64.8910, 2.0257, 3.6036



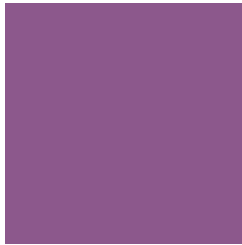
54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 109.4760, 15.0483, 26.7695 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 109.4760, 15.0483, 26.7695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

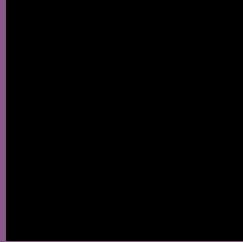
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.4760, 15.0483, 26.7695

Background



This preview shows how black text looks on a background with the YUV color 109.4760, 15.0483, 26.7695.



This preview shows how white text looks on a background with the YUV color 109.4760, 15.0483,

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

109.4760, 15.0483, 26.7695

Protanopia

106.2860, 23.0300, -13.4058

Deuteranopia

107.4520, 14.5672, -5.6584



Tritanopia

108.4590, -2.6913, 23.2765

Trichromacy



Original Color

109.4760, 15.0483, 26.7695

Protanomaly

107.5760, 19.9290, 1.2488

Deuteranomaly

108.2300, 14.6766, 5.9373

Tritanomaly

108.7780, 3.5604, 24.7507

Monochromacy



Original Color

109.4760, 15.0483, 26.7695

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8470, 5.4984, 9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4760, 15.0483, 26.7695 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(140, 88, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 88, 140)  
}
```

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(140, 88, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 88, 140) }
```

Border

The CSS property to change the border of an element to YUV 109.4760, 15.0483, 26.7695 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(140, 88, 140) }
```


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

```
.border{ border-color:rgb(140, 88, 140) }
```

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

Here you see how a box with a 4 pixel rgb(140, 88, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 88, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 88, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 88,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 109.4760, 15.0483, 26.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 88, 140) }
```

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

```
.background{ background-color: rgb(140, 88,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor