

Converting Colors

YUV(109.0840, 12.7766, 8.6963)

Have a look what the booklet for
YUV(109.0840, 12.7766, 8.6963)
contains.

YUV(109.0840, 12.7766, 8.6963)	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(109.0840, 12.7766,
8.6963)**

Conversions

Conversions Part 1

Format	Color
Hex	776387
RGB	119, 99, 135
RGB Percent	47%, 39%, 53%
CMY	0.5333, 0.6118, 0.4706
CMYK	0.12, 0.27, 0.00, 0.47
HSL	273°, 15%, 46%
HSV	273°, 27%, 53%
XYZ	16.4428, 14.5949, 24.8721
YIQ	109.0840, 0.3640, 15.4360

Conversions

Conversions Part 2

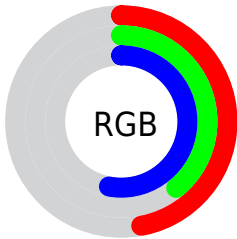
Format	Color
R_{YB}	119, 99, 135
Decimal	7824263
CIE _{Lab}	45.07, 15.35, -16.96
CIE _{LCh}	45, 22.874, 312.149
Yxy	14.5949, 0.2941, 0.2610
Android (android.graphics.Color)	4286014343 (0xFF776387)
YUV	109.0840, 12.7766, 8.6963
Hunter-Lab	38.2033, 9.9711, -11.8583

Details

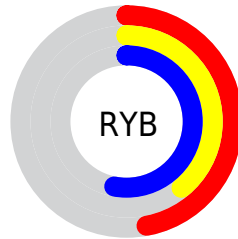
The YUV color **109.0840, 12.7766, 8.6963** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **124.9160, -12.7766, -8.6963**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9100, 13.3554, 9.7259**, and **61.1440, 11.7610, 7.7667** is the 20% darker color. If you saturate the color by 10%, you get **99.6590, 17.4231, 11.7001**, and if you desaturate by 10%, it is **119.0960, 7.8407, 5.1778**.

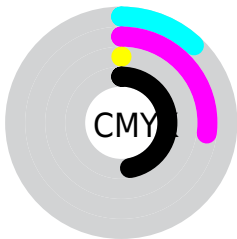
Distribution



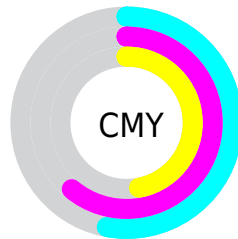
- Red (47%)
- Green (39%)
- Blue (53%)



- Red (47%)
- Yellow (39%)
- Blue (53%)



- Cyan (12%)
- Magenta (27%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0840, 12.7766, 8.6963 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 109.0840, 12.7766, 8.6963 by changing the saturation by 10% instead.

■ 109.0840, 12.7766,
8.6963

■ 109.0840, 12.7766,
8.6963

■ 255.0000, 0.0000,
0.0000

■ 84.6710, 12.4872,
8.1815

■ 160.9100, 13.3554,
9.7259

■ 61.1440, 11.7610,
7.7667

■ 188.0240, 13.7922,
9.6260

■ 39.3180, 11.1822,
6.7371

■ 215.5510, 14.5184,
10.0408

■ 17.0300, 11.3242,
7.8667

■ 241.4990, 6.6560,
11.8404

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

109.0840, 12.7766,
8.6963

109.0840, 12.7766,
8.6963

99.6590, 17.4231,
11.7001

119.0960, 7.8407,
5.1778

89.6470, 22.3590,
15.2186

128.5210, 3.1941,
2.1741

79.6350, 27.2949,
18.7371

137.9460, -1.4524,
-0.8296

70.2100, 31.9415,
21.7408

147.9580, -6.3883,
-4.3482

60.1980, 36.8774,
25.2594

157.9700,
-11.3242, -7.8667

50.7730, 41.5239,
28.2631

167.3950,
-15.9707, -10.8704

40.7610, 46.4598,
31.7816


177.4070,
-20.9067, -14.3889

37.8150, 47.9122,

186.8320,

32.6112

-25.5532, -17.3927

 196.8440,
-30.4891, -20.9112

Harmonies

Analogous

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



106.4450, 18.5146, -11.7913



109.0840, 12.7766, 8.6963



109.7070, 4.5814, 23.9360

Triad

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



109.0840, 12.7766, 8.6963



106.8380, -17.6681, 20.3131



96.0270, 8.8607, -42.1197

Complementary

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



109.0840, 12.7766, 8.6963



124.9160, -12.7766, -8.6963

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.



99.1400, -2.5340, -27.3098



109.0840, 12.7766, 8.6963



104.7500, -17.6247, 6.3583

Square

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



109.0840, 12.7766, 8.6963



107.8590, -12.7485, 29.0647



102.4320, -12.0450, -10.0259



95.9970, 17.7495, -46.4784

Rectangle

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



109.0840, 12.7766, 8.6963



108.8450, -1.4026, 29.9539



102.4320, -12.0450, -10.0259



97.0230, 4.9187, -37.7312

Sweetspot

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



109.0840, 12.7766, 8.6963



165.9880, 4.9359, 3.5185



112.4960, 11.0945, -11.8360



82.5210, 3.1941, 2.1741



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



109.0840, 12.7766, 8.6963



135.6530, 19.8911, 13.4593



113.6400, 9.5445, 18.7327



61.5810, 2.1786, 1.2445



36.3480, 46.1704, 31.2668



0.6410, 1.1630, 0.3148

Inverse Universe

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



111.5880, 1.6821, 20.5323



139.5940, 2.6652, 31.9281



120.3600, -9.5445, -18.7327



62.1360, 0.4260, 3.3887



45.4820, 6.1714, 74.1223



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 109.0840, 12.7766, 8.6963 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 109.0840, 12.7766, 8.6963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

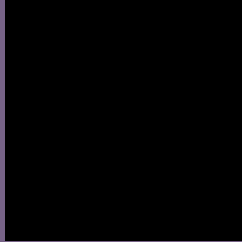
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.0840, 12.7766, 8.6963

Background



This preview shows how black text looks on a background with the YUV color 109.0840, 12.7766, 8.6963.



This preview shows how white text looks on a background with the YUV color 109.0840, 12.7766, 8.6963.

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

109.0840, 12.7766, 8.6963

Protanopia

107.4840, 16.0304, -8.3175

Deuteranopia

107.7080, 12.9620, -4.1289



Tritanopia

107.6140, 2.1623, 6.4775

Trichromacy



Original Color

109.0840, 12.7766, 8.6963

Protanomaly

107.8870, 14.8457, -1.6549

Deuteranomaly

108.3280, 12.6563, 0.5893

Tritanomaly

108.2380, 5.7987, 6.8073

Monochromacy



Original Color

109.0840, 12.7766, 8.6963

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8740, 4.4991, 3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0840, 12.7766, 8.6963 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(119, 99, 135)` looks like.

```
.text, #text, p{  
    color:rgb(119, 99, 135)  
}
```

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(119, 99, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 99, 135) }
```

Border

The CSS property to change the border of an element to YUV 109.0840, 12.7766, 8.6963 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(119, 99, 135) }
```


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

```
.border{ border-color:rgb(119, 99, 135) }
```

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

Here you see how a box with a 4 pixel rgb(119, 99, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 99, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 99, 135);  
box-shadow:4px 4px 4px 4px rgb(119, 99,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 109.0840, 12.7766, 8.6963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 99, 135) }
```

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

```
.background{ background-color: rgb(119, 99,  
135) }
```

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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