

Converting Colors

YUV(101.7960, 15.8766,
-52.4411)

Have a look what the booklet for
YUV(101.7960, 15.8766, -52.4411)
contains.

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Color

**YUV(101.7960, 15.8766,
-52.4411)**

Conversions

Conversions Part 1

Format	Color
Hex	2A7E86
RGB	42, 126, 134
RGB Percent	16%, 49%, 53%
CMY	0.8353, 0.5059, 0.4745
CMYK	0.69, 0.06, 0.00, 0.47
HSL	185°, 52%, 35%
HSV	185°, 69%, 53%
XYZ	12.7188, 17.1352, 25.1913
YIQ	101.7960, -52.6320, -15.3200

Conversions

Conversions Part 2

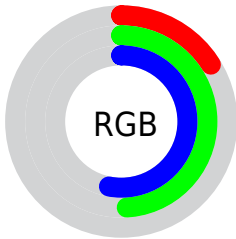
Format	Color
RYB	42, 86, 134
Decimal	2784902
CIELab	48.43, -21.97, -11.69
CIElCh	48, 24.889, 208.023
Yxy	17.1352, 0.2311, 0.3113
Android (android.graphics.Color)	4280974982 (0xFF2A7E86)
YUV	101.7960, 15.8766, -52.4411
Hunter-Lab	41.3947, -17.5954, -7.1055

Details

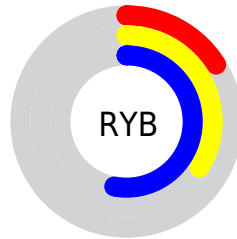
The YUV color **101.7960, 15.8766, -52.4411** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **74.2040, -15.8766, 52.4411**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2910, 15.1395, -49.3672**, and **54.7750, 14.4079, -48.0377** is the 20% darker color. If you saturate the color by 10%, you get **97.3220, 18.0823, -59.9184**, and if you desaturate by 10%, it is **106.2700, 13.6709, -44.9638**.

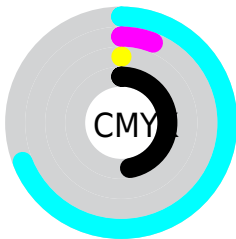
Distribution



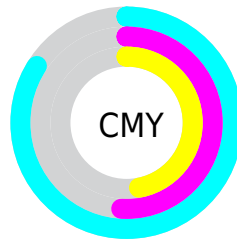
- Red (16%)
- Green (49%)
- Blue (53%)



- Red (16%)
- Yellow (34%)
- Blue (53%)



- Cyan (69%)
- Magenta (6%)
- Yellow (0%)
- Black (47%)



- Cyan (84%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.7960, 15.8766, -52.4411 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 101.7960, 15.8766, -52.4411 by changing the saturation by 10% instead.

101.7960, 15.8766,
-52.4411

101.7960, 15.8766,
-52.4411

255.0000, 0.0000,
0.0000

71.7130, 18.3825,
-62.8923

156.2910, 15.1395,
-49.3672

54.7750, 14.4079,
-48.0377

184.2910, 15.1395,
-49.3672

38.0650, 11.3070,
-33.3830

212.2910, 15.1395,
-49.3672

23.8170, 7.4852,
-20.8875

234.0700, 10.3185,
-43.0344

2.7530, 8.0098,
-2.4144

242.7410, 6.0437,
-25.2059

0.0000, 0.0000,
0.0000

251.4120, 1.7689,

-7.3773

■ 101.7960, 15.8766,
-52.4411

■ 101.7960, 15.8766,
-52.4411

■ 97.3220, 18.0823,
-59.9184

■ 106.2700, 13.6709,
-44.9638

■ 92.5490, 20.4353,
-68.0105

■ 111.0430, 11.3178,
-36.8717

■ 88.0750, 22.6410,
-75.4878

■ 115.5170, 9.1121,
-29.3944

■ 86.8900, 23.2252,
-76.2025

■ 120.8770, 6.4696,
-21.8171

■ 125.3510, 4.2640,
-14.3398

■ 129.8250, 2.0583,
-6.8625

■ 134.5980, -0.2948,
1.2296

■ 139.0720, -2.5005,
8.7069

■ 143.8450, -4.8536,
16.7989

Harmonies

Analogous

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



104.4850, 4.1979, -39.8903



101.7960, 15.8766, -52.4411



105.1480, 22.1120, -45.7338

Triad

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



101.7960, 15.8766, -52.4411



118.0530, 9.8339, 19.2475



113.8220, -20.1252, 15.0651

Complementary

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



101.7960, 15.8766, -52.4411



74.2040, -15.8766, 52.4411

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.



115.2950, -17.4004, 27.8053



101.7960, 15.8766, -52.4411



117.4970, -0.2450, 32.0131

Square

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



101.7960, 15.8766, -52.4411



116.5820, 17.4611, -0.5104



116.2880, -10.0020, 34.8274



111.8090, -17.1608, -2.4635

Rectangle

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



101.7960, 15.8766, -52.4411



110.0510, 22.6529, -32.4937



116.2880, -10.0020, 34.8274



114.5560, -19.9941, 19.6834

Sweetspot

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



101.7960, 15.8766, -52.4411



160.4750, 6.1748, -20.5876



96.9160, -23.1296, -48.1613



79.2480, 3.8217, -12.4955



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



101.7960, 15.8766, -52.4411



123.4980, 24.4045, -81.1207



74.7940, 29.1886, -28.7603



64.2060, 0.8844, -3.6887



84.6730, 22.3462, -74.2582



1.5160, 0.7316, -1.3295

Inverse Universe

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



79.0840, 23.1296, 48.1613



88.2780, 35.8519, 74.3012



101.2060, -29.1886, 28.7603



62.4780, 1.7363, 3.0888



52.4360, 32.8161, 68.0236



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 101.7960, 15.8766, -52.4411 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 101.7960, 15.8766, -52.4411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

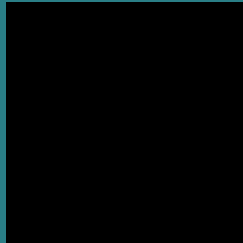
Any Text WCAG AA × Fail

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 101.7960, 15.8766, -52.4411 Background



This preview shows how black text looks on a background with the YUV color 101.7960, 15.8766, -52.4411.

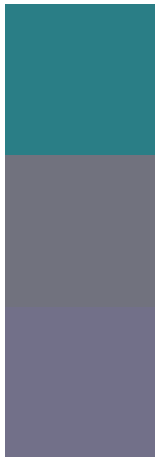


This preview shows how white text looks on a background with the YUV color 101.7960, 15.8766,

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

101.7960, 15.8766, -52.4411

Protanopia

115.0690, 5.3890, -1.8145

Deuteranopia

115.4480, 10.6251, -1.2699



Tritanopia

102.3230, 16.6028, -52.0263

Trichromacy



Original Color

101.7960, 15.8766, -52.4411

Protanomaly

109.9850, 9.3744, -20.1578

Deuteranomaly

110.4950, 12.5740, -19.7281

Tritanomaly

102.2090, 16.1660, -51.9263

Monochromacy



Original Color

101.7960, 15.8766, -52.4411

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.0730, 5.8800, -19.3580

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.7960, 15.8766, -52.4411 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(42, 126, 134)` looks like.

```
.text, #text, p{  
    color:rgb(42, 126, 134)  
}
```

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(42, 126, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 126, 134) }
```

Border

The CSS property to change the border of an element to YUV 101.7960, 15.8766, -52.4411 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(42, 126, 134) }
```


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

```
.border{ border-color:rgb(42, 126, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 126, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 126, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 126, 134);  
box-shadow:4px 4px 4px 4px rgb(42, 126,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 101.7960, 15.8766, -52.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 126, 134) }
```

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

```
.background{ background-color: rgb(42, 126,  
134) }
```

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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