

Converting Colors

YUV(103.7270, -2.8234,
-27.8246)

Have a look what the booklet for
YUV(103.7270, -2.8234, -27.8246)
contains.

YUV(103.7270, -2.8234, -27.8246)	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(103.7270, -2.8234,
-27.8246)**

Conversions

Conversions Part 1

Format	Color
Hex	487962
RGB	72, 121, 98
RGB Percent	28%, 47%, 38%
CMY	0.7176, 0.5255, 0.6157
CMYK	0.40, 0.00, 0.19, 0.53
HSL	152°, 25%, 38%
HSV	152°, 40%, 47%
XYZ	11.7145, 15.9343, 14.0135
YIQ	103.7270, -21.8210, -17.5410

Conversions

Conversions Part 2

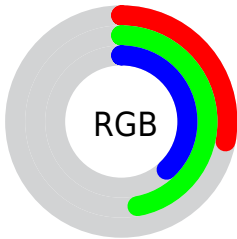
Format	Color
R_{YB}	72, 104, 121
Decimal	4749666
CIE _{Lab}	46.89, -22.24, 7.45
CIE _{LCh}	47, 23.457, 161.481
Yxy	15.9343, 0.2812, 0.3825
Android (android.graphics.Color)	4282939746 (0xFF487962)
YUV	103.7270, -2.8234, -27.8246
Hunter-Lab	39.9178, -17.4727, 7.1282

Details

The YUV color **103.7270, -2.8234, -27.8246** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **89.2730, 2.8234, 27.8246**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9010, -3.4022, -28.8542**, and **55.0690, -1.5130, -28.1245** is the 20% darker color. If you saturate the color by 10%, you get **99.4550, -3.6753, -34.6020**, and if you desaturate by 10%, it is **107.9990, -1.9715, -21.0471**.

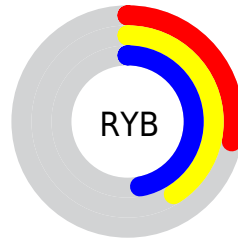
Distribution



Red (28%)

Green (47%)

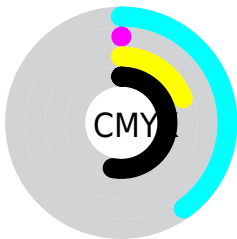
Blue (38%)



Red (28%)

Yellow (41%)

Blue (47%)

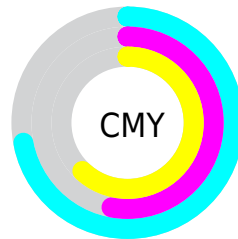


Cyan (40%)

Magenta (0%)

Yellow (19%)

Black (53%)



Cyan (72%)

Magenta (53%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7270, -2.8234, -27.8246 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 103.7270, -2.8234, -27.8246 by changing the saturation by 10% instead.

■ 103.7270, -2.8234,
-27.8246

■ 103.7270, -2.8234,
-27.8246

■ 255.0000, 0.0000,
0.0000

■ 79.1400, -2.5340,
-27.3098

■ 155.9010, -3.4022,
-28.8542

■ 55.0690, -1.5130,
-28.1245

■ 182.4880, -3.6916,
-29.3690

■ 32.1830, -1.0762,
-28.2245

■ 210.1890, -3.5442,
-29.9838

■ 18.2940, -6.0609,
-16.0438

■ 237.0150, -2.9654,
-28.9542

■ 0.0000, 0.0000,
0.0000

■ 248.4220, 3.2430,
-13.5251

■ 103.7270, -2.8234,
-27.8246

■ 103.7270, -2.8234,
-27.8246

■ 99.4550, -3.6753,
-34.6020

■ 107.9990, -1.9715,
-21.0471

■ 95.2970, -4.0904,
-41.4795

■ 112.1570, -1.5564,
-14.1697

■ 91.0250, -4.9423,
-48.2569

■ 116.4290, -0.7045,
-7.3922

■ 86.7530, -5.7942,
-55.0344

■ 120.7010, 0.1474,
-0.6148

■ 82.2960, -6.0619,
-62.5266

■ 124.8590, 0.5625,
6.2627

■ 78.3230, -7.0612,
-68.6893

■ 129.4300, 1.2670,
13.6549

■ 133.7020, 2.1189,
20.4323

■ 137.8600, 2.5340,

27.3098

■ 142.1320, 3.3859,
34.0872

Harmonies

Analogous

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



106.9050, -12.7712, -10.4407



103.7270, -2.8234, -27.8246



100.3150, 8.7187, -43.2493

Triad

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



103.7270, -2.8234, -27.8246



110.3740, 19.5356, -12.6060



112.4570, -13.0433, 30.2942

Complementary

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



103.7270, -2.8234, -27.8246



89.2730, 2.8234, 27.8246

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.



113.0580, -4.4656, 32.3981



103.7270, -2.8234, -27.8246



113.3120, 13.6502, 8.4964

Square

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



103.7270, -2.8234, -27.8246



105.2850, 21.0585, -34.4529



114.1200, 4.8708, 24.4508



111.0230, -18.2523, 21.0278

Rectangle

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



103.7270, -2.8234, -27.8246



99.4160, 15.5709, -47.7228



114.1200, 4.8708, 24.4508



112.5650, -10.1385, 31.9535

Sweetspot

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



103.7270, -2.8234, -27.8246



151.2930, -1.1304, -10.7810



107.9390, -17.7179, -10.4705



75.1410, -0.5625, -6.2627



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



103.7270, -2.8234, -27.8246



130.8730, -4.3744, -43.7386



105.7620, 7.5123, -29.6093



58.8640, -0.4260, -3.3887



80.8990, -7.3452, -70.9484



163.2000, -14.3956, -143.1264

Inverse Universe

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



89.2730, 2.8234, 27.8246



108.1270, 4.3744, 43.7386



87.2380, -7.5123, 29.6093



57.1360, 0.4260, 3.3887



44.1010, 7.3452, 70.9484



88.8000, 14.3956, 143.1264

Previews

White Background



This preview shows how the YUV color 103.7270, -2.8234, -27.8246 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 103.7270, -2.8234, -27.8246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

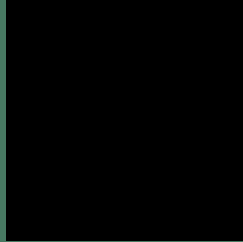
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.7270, -2.8234, -27.8246

Background



This preview shows how black text looks on a background with the YUV color 103.7270, -2.8234, -27.8246.



This preview shows how white text looks on a background with the YUV color 103.7270, -2.8234, -27.8246.

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

103.7270, -2.8234, -27.8246

Protanopia

110.1550, -8.4574, 6.0031

Deuteranopia

111.6980, -5.2741, 11.6659



Tritanopia

106.7780, 9.9694, -24.3613

Trichromacy



Original Color

103.7270, -2.8234, -27.8246

Protanomaly

107.9470, -6.3829, -6.0925

Deuteranomaly

108.8380, -4.3571, -2.4889

Tritanomaly

105.2140, 5.3175, -25.6207

Monochromacy



Original Color

103.7270, -2.8234, -27.8246

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7060, -0.8411, -10.2662

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7270, -2.8234, -27.8246 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(72, 121, 98)` looks like.

```
.text, #text, p{  
    color:rgb(72, 121, 98)  
}
```

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(72, 121, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 121, 98) }
```

Border

The CSS property to change the border of an element to YUV 103.7270, -2.8234, -27.8246 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(72, 121, 98) }
```


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

```
.border{ border-color:rgb(72, 121, 98) }
```

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

Here you see how a box with a 4 pixel rgb(72, 121, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 121, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 121, 98);  
box-shadow:4px 4px 4px 4px rgb(72, 121,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 103.7270, -2.8234, -27.8246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 121, 98) }
```

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

```
.background{ background-color: rgb(72, 121,  
98) }
```

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