

Converting Colors

YUV(109.4750, 2.7238,
-33.7426)

Have a look what the booklet for
YUV(109.4750, 2.7238, -33.7426)
contains.

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Color

**YUV(109.4750, 2.7238,
-33.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	478073
RGB	71, 128, 115
RGB Percent	28%, 50%, 45%
CMY	0.7216, 0.4980, 0.5490
CMYK	0.45, 0.00, 0.10, 0.50
HSL	166°, 29%, 39%
HSV	166°, 45%, 50%
XYZ	13.4122, 18.0157, 18.9901
YIQ	109.4750, -29.7990, -16.1270

Conversions

Conversions Part 2

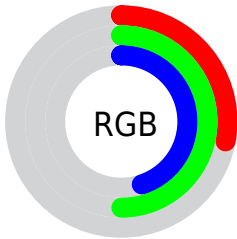
Format	Color
R_{YB}	71, 103, 128
Decimal	4685939
CIE _{Lab}	49.52, -22.08, 1.21
CIE _{LCh}	50, 22.117, 176.852
Yxy	18.0157, 0.2660, 0.3573
Android (android.graphics.Color)	4282876019 (0xFF478073)
YUV	109.4750, 2.7238, -33.7426
Hunter-Lab	42.4450, -17.8743, 3.1847

Details

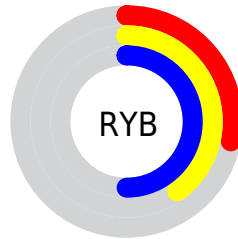
The YUV color $109.4750, 2.7238, -33.7426$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $89.5250, -2.7238, 33.7426$, and the grayscale version is $109.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $162.0620, 2.4344, -34.2574$, and $58.8060, 4.0396, -35.7869$ is the 20% darker color. If you saturate the color by 10%, you get $105.2460, 3.3297, -41.4347$, and if you desaturate by 10%, it is $113.7040, 2.1179, -26.0504$.

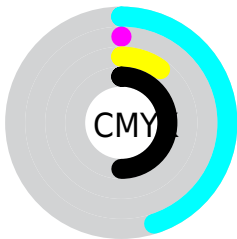
Distribution



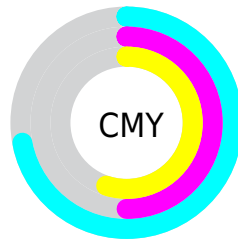
- Red (28%)
- Green (50%)
- Blue (45%)



- Red (28%)
- Yellow (40%)
- Blue (50%)



- Cyan (45%)
- Magenta (0%)
- Yellow (10%)
- Black (50%)



- Cyan (72%)
- Magenta (50%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.4750, 2.7238, -33.7426 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 109.4750, 2.7238, -33.7426 by changing the saturation by 10% instead.

■ 109.4750, 2.7238,
-33.7426

■ 109.4750, 2.7238,
-33.7426

■ 255.0000, 0.0000,
0.0000

■ 84.1760, 2.8712,
-34.3574

■ 162.0620, 2.4344,
-34.2574

■ 58.8060, 4.0396,
-35.7869

■ 189.6490, 2.1450,
-34.7722

■ 37.4150, 3.7394,
-32.8130

■ 217.3500, 2.2925,
-35.3869

■ 22.6940, 0.6439,
-19.9026

■ 239.4800, 5.1864,
-30.2390

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,
-12.9103

■ 109.4750, 2.7238,
-33.7426

■ 109.4750, 2.7238,
-33.7426

■ 105.2460, 3.3297,
-41.4347

■ 113.7040, 2.1179,
-26.0504

■ 101.0170, 3.9356,
-49.1269

■ 117.9330, 1.5120,
-18.3582

■ 97.0870, 4.3941,
-56.2043

■ 121.8630, 1.0535,
-11.2809

■ 92.8580, 5.0000,
-63.8965

■ 126.0920, 0.4476,
-3.5887

■ 88.6290, 5.6059,
-71.5886

■ 130.3210, -0.1583,
4.1035

■ 86.4220, 6.2010,
-75.7921

■ 134.5500, -0.7641,
11.7957

■ 138.6650, -1.8068,
19.5878

■ 142.5950, -2.2653,

26.6652

■ 146.8240, -2.8712,
34.3574

Harmonies

Analogous

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



112.5280, -7.6553, -18.0031



109.4750, 2.7238, -33.7426



108.0530, 12.7919, -43.0195

Triad

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



109.4750, 2.7238, -33.7426



119.4140, 15.5719, -1.2401



118.7400, -15.6478, 25.6610

Complementary

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



109.4750, 2.7238, -33.7426



89.5250, -2.7238, 33.7426

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.



119.6080, -8.6807, 31.0388



109.4750, 2.7238, -33.7426



120.4010, 8.6763, 17.1883

Square

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



109.4750, 2.7238, -33.7426



115.3190, 19.5627, -21.3278



120.4750, -0.2342, 28.5244



116.9790, -18.2306, 14.0504

Rectangle

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



109.4750, 2.7238, -33.7426



108.9160, 17.2964, -41.1453



120.4750, -0.2342, 28.5244



118.9190, -13.7641, 28.1350

Sweetspot

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



109.4750, 2.7238, -33.7426



158.8520, 1.0590, -13.0252



108.3460, -18.4116, -21.3514



79.7710, 0.6059, -7.6922



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



109.4750, 2.7238, -33.7426



137.4080, 4.2359, -52.1008



102.1520, 12.7431, -27.3203



61.6790, 0.1583, -4.1035



86.3080, 5.7642, -75.6921



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.5250, -2.7238, 33.7426



106.5920, -4.2359, 52.1008



96.8480, -12.7431, 27.3203



59.3210, -0.1583, 4.1035



41.5780, -6.2010, 75.7921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 109.4750, 2.7238, -33.7426 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 109.4750, 2.7238, -33.7426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

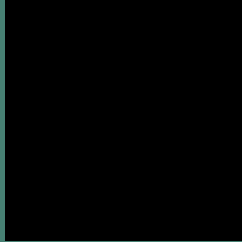
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.4750, 2.7238, -33.7426

Background



This preview shows how black text looks on a background with the YUV color 109.4750, 2.7238, -33.7426.



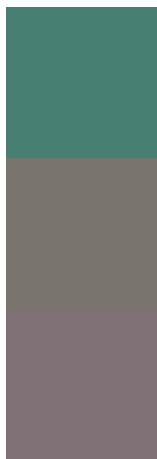
This preview shows how white text looks on a background with the YUV color 109.4750, 2.7238,

-33.7426.

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

109.4750, 2.7238, -33.7426

Protanopia

117.2840, -4.0840, 3.2589

Deuteranopia

118.0550, -0.0271, 8.7218



Tritanopia

111.7880, 11.4435, -30.5091

Trichromacy



Original Color

109.4750, 2.7238, -33.7426

Protanomaly

114.4780, -1.7147, -10.0662

Deuteranomaly

114.5970, 1.1847, -6.6626

Tritanomaly

110.9790, 8.3914, -31.5536

Monochromacy



Original Color

109.4750, 2.7238, -33.7426

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1510, 0.9116, -12.4104

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4750, 2.7238, -33.7426 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(71, 128, 115)` looks like.

```
.text, #text, p{  
    color:rgb(71, 128, 115)  
}
```

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(71, 128, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 128, 115) }
```

Border

The CSS property to change the border of an element to YUV 109.4750, 2.7238, -33.7426 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(71, 128, 115) }
```


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

```
.border{ border-color:rgb(71, 128, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 128, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 128, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 128, 115);  
box-shadow:4px 4px 4px 4px rgb(71, 128,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 109.4750, 2.7238, -33.7426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 128, 115) }
```

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

```
.background{ background-color: rgb(71, 128,  
115) }
```

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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