

Converting Colors

YUV(109.0950, 2.4182,
-29.0243)

Have a look what the booklet for
YUV(109.0950, 2.4182, -29.0243)
contains.

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Color

**YUV(109.0950, 2.4182,
-29.0243)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7D72
RGB	76, 125, 114
RGB Percent	30%, 49%, 45%
CMY	0.7020, 0.5098, 0.5529
CMYK	0.39, 0.00, 0.09, 0.51
HSL	167°, 24%, 39%
HSV	167°, 39%, 49%
XYZ	13.3514, 17.4186, 18.5780
YIQ	109.0950, -25.6730, -13.8090

Conversions

Conversions Part 2

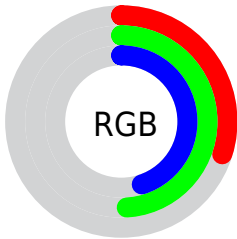
Format	Color
R_{YB}	76, 104, 125
Decimal	5012850
CIE _{Lab}	48.78, -19.32, 0.77
CIE _{LCh}	49, 19.338, 177.728
Yxy	17.4186, 0.2706, 0.3530
Android (android.graphics.Color)	4283202930 (0xFF4C7D72)
YUV	109.0950, 2.4182, -29.0243
Hunter-Lab	41.7356, -15.9346, 2.8228

Details

The YUV color **109.0950, 2.4182, -29.0243** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **91.9050, -2.4182, 29.0243**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.3830, 2.2762, -30.1539**, and **59.9100, 3.0024, -29.7391** is the 20% darker color. If you saturate the color by 10%, you get **105.1650, 2.8767, -36.1017**, and if you desaturate by 10%, it is **113.3240, 1.8123, -21.3321**.

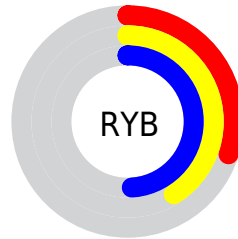
Distribution



Red (30%)

Green (49%)

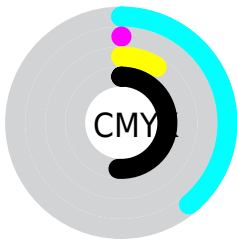
Blue (45%)



Red (30%)

Yellow (41%)

Blue (49%)

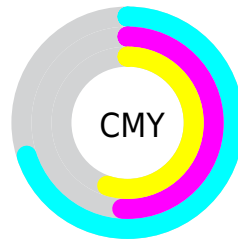


Cyan (39%)

Magenta (0%)

Yellow (9%)

Black (51%)



Cyan (70%)

Magenta (51%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0950, 2.4182, -29.0243 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 109.0950, 2.4182, -29.0243 by changing the saturation by 10% instead.

■ 109.0950, 2.4182,
-29.0243

■ 109.0950, 2.4182,
-29.0243

■ 255.0000, 0.0000,
0.0000

■ 84.2090, 2.8550,
-29.1243

■ 161.3830, 2.2762,
-30.1539

■ 59.9100, 3.0024,
-29.7391

■ 188.3830, 2.2762,
-30.1539

■ 36.1270, 3.8814,
-31.6834

■ 216.6710, 2.1342,
-31.2835

■ 21.5200, 1.2226,
-18.8730

■ 240.5620, 4.1599,
-27.6799

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,
-10.4512

■ 109.0950, 2.4182,
-29.0243

■ 109.0950, 2.4182,
-29.0243

■ 105.1650, 2.8767,
-36.1017

■ 113.3240, 1.8123,
-21.3321

■ 100.9360, 3.4826,
-43.7939

■ 117.2540, 1.3538,
-14.2548

■ 97.1200, 4.3778,
-50.9712

■ 121.3690, 0.3111,
-6.4626

■ 92.8910, 4.9837,
-58.6634

■ 125.2990, -0.1474,
0.6148

■ 88.9610, 5.4422,
-65.7408

■ 129.5280, -0.7533,
8.3069

■ 84.7320, 6.0481,
-73.4330

■ 133.4580, -1.2118,
15.3843

■ 84.4330, 6.1955,
-74.0477

■ 137.6870, -1.8177,
23.0765

■ 141.5030, -2.7130,

30.2539

■ 145.4330, -3.1715,
37.3313

Harmonies

Analogous

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



111.1800, -6.4977, -15.9439



109.0950, 2.4182, -29.0243



108.2280, 10.7336, -36.1570

Triad

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



109.0950, 2.4182, -29.0243



117.2570, 13.6773, -0.2254



116.5870, -13.6004, 22.2872

Complementary

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



109.0950, 2.4182, -29.0243



91.9050, -2.4182, 29.0243

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.



117.7000, -8.2331, 27.4501



109.0950, 2.4182, -29.0243



118.7490, 7.5187, 15.1291

Square

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



109.0950, 2.4182, -29.0243



114.2440, 16.6417, -17.7540



118.4530, -0.2233, 25.0357



114.9510, -15.7518, 12.3210

Rectangle

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



109.0950, 2.4182, -29.0243



109.0910, 15.2381, -34.2828



118.4530, -0.2233, 25.0357



116.6520, -12.1534, 24.8612

Sweetspot

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



109.0950, 2.4182, -29.0243



156.8630, 1.0535, -11.2809



108.0520, -15.8016, -18.4626



78.0700, 0.4585, -7.0774



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



109.0950, 2.4182, -29.0243



138.0390, 3.9248, -45.6382



102.7180, 10.9850, -23.4317



61.6790, 0.1583, -4.1035



86.4220, 6.2010, -75.7921



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.9050, -2.4182, 29.0243



111.0750, -3.4880, 45.5382



98.2820, -10.9850, 23.4317



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 109.0950, 2.4182, -29.0243 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 109.0950, 2.4182, -29.0243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

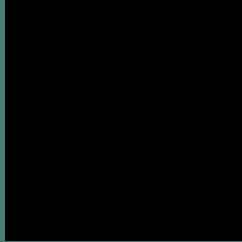
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.0950, 2.4182, -29.0243

Background



This preview shows how black text looks on a background with the YUV color 109.0950, 2.4182, -29.0243.

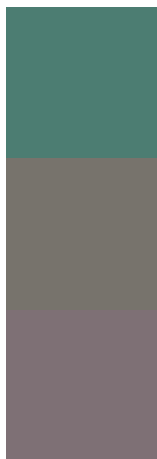


This preview shows how white text looks on a background with the YUV color 109.0950, 2.4182, -29.0243.

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

109.0950, 2.4182, -29.0243

Protanopia

115.3980, -3.6472, 3.1590

Deuteranopia

116.7560, 0.1203, 8.1070



Tritanopia

110.8810, 10.4117, -26.2056

Trichromacy



Original Color

109.0950, 2.4182, -29.0243

Protanomaly

113.1900, -1.5727, -8.9366

Deuteranomaly

114.1950, 0.8899, -5.4330

Tritanomaly

110.0720, 7.3595, -27.2501

Monochromacy



Original Color

109.0950, 2.4182, -29.0243

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1620, 0.9061, -10.6661

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0950, 2.4182, -29.0243 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(76, 125, 114)` looks like.

```
.text, #text, p{  
    color:rgb(76, 125, 114)  
}
```

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(76, 125, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 125, 114) }
```

Border

The CSS property to change the border of an element to YUV 109.0950, 2.4182, -29.0243 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(76, 125, 114) }
```


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

```
.border{ border-color:rgb(76, 125, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 125, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 125, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 125, 114);  
box-shadow:4px 4px 4px 4px rgb(76, 125,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 109.0950, 2.4182, -29.0243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 125, 114) }
```

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

```
.background{ background-color: rgb(76, 125,  
114) }
```

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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