

Converting Colors

YUV(110.6370, 7.0810,
-31.2536)

Have a look what the booklet for
YUV(110.6370, 7.0810, -31.2536)
contains.

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Color

**YUV(110.6370, 7.0810,
-31.2536)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7E7D
RGB	75, 126, 125
RGB Percent	29%, 49%, 49%
CMY	0.7059, 0.5059, 0.5098
CMYK	0.40, 0.00, 0.01, 0.51
HSL	179°, 25%, 39%
HSV	179°, 40%, 49%
XYZ	14.0642, 17.8982, 22.1155
YIQ	110.6370, -30.0750, -11.1230

Conversions

Conversions Part 2

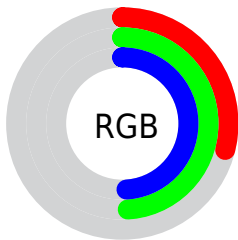
Format	Color
RYB	75, 101, 126
Decimal	4947581
CIELab	49.37, -17.32, -4.85
CIELCh	49, 17.984, 195.656
Yxy	17.8982, 0.2601, 0.3310
Android (android.graphics.Color)	4283137661 (0xFF4B7E7D)
YUV	110.6370, 7.0810, -31.2536
Hunter-Lab	42.3063, -14.6960, -1.3792

Details

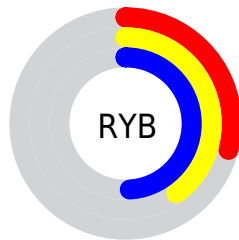
The YUV color **110.6370, 7.0810, -31.2536** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **90.3630, -7.0810, 31.2536**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3380, 7.2284, -31.8684**, and **60.7400, 7.5232, -33.0980** is the 20% darker color. If you saturate the color by 10%, you get **106.7500, 8.9973, -39.2457**, and if you desaturate by 10%, it is **114.5240, 5.1647, -23.2615**.

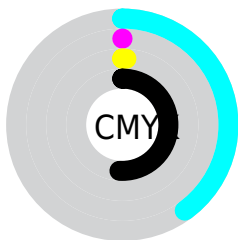
Distribution



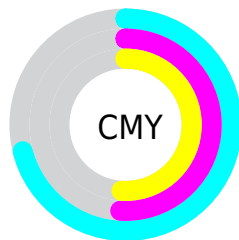
- Red (29%)
- Green (49%)
- Blue (49%)



- Red (29%)
- Yellow (40%)
- Blue (49%)



- Cyan (40%)
- Magenta (0%)
- Yellow (1%)
- Black (51%)



- Cyan (71%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.6370, 7.0810, -31.2536 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 110.6370, 7.0810, -31.2536 by changing the saturation by 10% instead.

■ 110.6370, 7.0810,
-31.2536

■ 110.6370, 7.0810,
-31.2536

■ 255.0000, 0.0000,
0.0000

■ 85.6370, 7.0810,
-31.2536

■ 163.3380, 7.2284,
-31.8684

■ 60.7400, 7.5232,
-33.0980

■ 190.3380, 7.2284,
-31.8684

■ 37.8540, 7.9600,
-33.1980

■ 218.6260, 7.0864,
-32.9980

■ 22.4320, 4.7170,
-19.6729

■ 241.2460, 6.7807,
-28.2797

■ 1.0260, 3.9312,
-0.8998

■ 249.9170, 2.5059,
-10.4512

■ 0.0000, 0.0000,
0.0000

■ 110.6370, 7.0810,
-31.2536

■ 110.6370, 7.0810,
-31.2536

■ 106.7500, 8.9973,
-39.2457

■ 114.5240, 5.1647,
-23.2615

■ 103.1620, 10.7661,
-46.6231

■ 118.1120, 3.3958,
-15.8842

■ 99.1610, 12.2456,
-54.5152

■ 122.1130, 1.9163,
-7.9921

■ 95.5730, 14.0145,
-61.8925

■ 125.7010, 0.1474,
-0.6148

■ 91.6860, 15.9308,
-69.8846

■ 129.5880, -1.7689,
7.3773

■ 88.0980, 17.6997,
-77.2619

■ 133.4750, -3.6852,
15.3694

■ 137.1770, -5.0173,
22.6468

■ 141.0640, -6.9336,

30.6389

■ 144.6520, -8.7024,
38.0162

Harmonies

Analogous

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



111.5150, -1.2399, -22.3767



110.6370, 7.0810, -31.2536



111.0590, 13.7749, -31.6237

Triad

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



110.6370, 7.0810, -31.2536



119.8730, 9.4296, 8.8814



117.3150, -14.4523, 15.5097

Complementary

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



110.6370, 7.0810, -31.2536



90.3630, -7.0810, 31.2536

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.



118.5810, -11.1324, 24.0465



110.6370, 7.0810, -31.2536



119.8160, 2.5557, 20.3324

Square

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



110.6370, 7.0810, -31.2536



117.7400, 14.4252, -6.7880



119.9000, -4.8807, 25.5207



115.7650, -13.6881, 3.7141

Rectangle

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



110.6370, 7.0810, -31.2536



113.2600, 15.6478, -25.6610



119.9000, -4.8807, 25.5207



117.5650, -13.5895, 18.7985

Sweetspot

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



110.6370, 7.0810, -31.2536



157.3190, 2.8007, -11.6808



105.5350, -15.0538, -25.0252



78.2980, 1.3321, -7.2773



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.



110.6370, 7.0810, -31.2536



138.9660, 11.3558, -49.0822



96.6630, 14.4631, -18.9985



61.9070, 1.0318, -4.3034



89.3860, 17.5577, -78.3915



0.0000, 0.0000, 0.0000

Inverse Universe

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



90.3630, -7.0810, 31.2536



107.1480, -10.9190, 48.9822



104.3370, -14.4631, 18.9985



59.2070, -0.5951, 4.2035



38.5000, -17.9945, 78.4915



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 110.6370, 7.0810, -31.2536 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 110.6370, 7.0810, -31.2536 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 110.6370, 7.0810, -31.2536

Background



This preview shows how black text looks on a background with the YUV color 110.6370, 7.0810, -31.2536.



This preview shows how white text looks on a background with the YUV color 110.6370, 7.0810,

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

110.6370, 7.0810, -31.2536

Protanopia

116.9400, 1.0156, 0.9296

Deuteranopia

118.2870, 4.7885, 4.1333



Tritanopia

112.0870, 11.2961, -29.8943

Trichromacy



Original Color

110.6370, 7.0810, -31.2536

Protanomaly

114.7320, 3.0901, -11.1660

Deuteranomaly

115.4380, 5.7001, -8.2771

Tritanomaly

111.3320, 9.6963, -30.1092

Monochromacy



Original Color

110.6370, 7.0810, -31.2536

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.6180, 2.6533, -11.0660

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.6370, 7.0810, -31.2536 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(75, 126, 125)` looks like.

```
.text, #text, p{  
    color:rgb(75, 126, 125)  
}
```

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(75, 126, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 126, 125) }
```

Border

The CSS property to change the border of an element to YUV 110.6370, 7.0810, -31.2536 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(75, 126, 125) }
```


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

```
.border{ border-color:rgb(75, 126, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 126, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 126, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 126, 125);  
box-shadow:4px 4px 4px 4px rgb(75, 126,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 110.6370, 7.0810, -31.2536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 126, 125) }
```

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

```
.background{ background-color: rgb(75, 126,  
125) }
```

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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