

Converting Colors

YUV(112.1790, 11.7438,
-33.4830)

Have a look what the booklet for
YUV(112.1790, 11.7438, -33.4830)
contains.

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Color

**YUV(112.1790, 11.7438,
-33.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7F88
RGB	74, 127, 136
RGB Percent	29%, 50%, 53%
CMY	0.7098, 0.5020, 0.4667
CMYK	0.46, 0.07, 0.00, 0.47
HSL	189°, 30%, 41%
HSV	189°, 46%, 53%
XYZ	14.8573, 18.4122, 26.0634
YIQ	112.1790, -34.4770, -8.4370

Conversions

Conversions Part 2

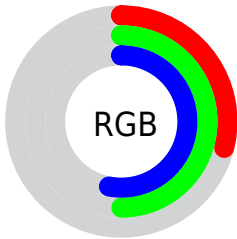
Format	Color
RYB	74, 103, 136
Decimal	4882312
CIELab	49.99, -15.11, -10.40
CIELCh	50, 18.341, 214.546
Yxy	18.4122, 0.2504, 0.3103
Android (android.graphics.Color)	4283072392 (0xFF4A7F88)
YUV	112.1790, 11.7438, -33.4830
Hunter-Lab	42.9094, -13.2860, -5.9765

Details

The YUV color **112.1790, 11.7438, -33.4830** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **97.8210, -11.7438, 33.4830**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8800, 11.8912, -34.0978**, and **61.2710, 12.1914, -37.0717** is the 20% darker color. If you saturate the color by 10%, you get **106.8190, 14.3862, -41.0603**, and if you desaturate by 10%, it is **117.5390, 9.1013, -25.9057**.

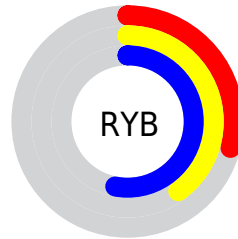
Distribution



Red (29%)

Green (50%)

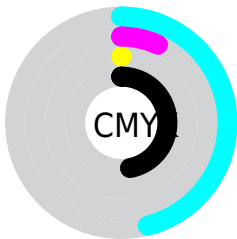
Blue (53%)



Red (29%)

Yellow (40%)

Blue (53%)

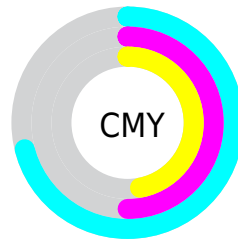


Cyan (46%)

Magenta (7%)

Yellow (0%)

Black (47%)



Cyan (71%)

Magenta (50%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.1790, 11.7438, -33.4830 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 112.1790, 11.7438, -33.4830 by changing the saturation by 10% instead.

■ 112.1790, 11.7438,
-33.4830

■ 112.1790, 11.7438,
-33.4830

■ 255.0000, 0.0000,
0.0000

■ 86.8800, 11.8912,
-34.0978

■ 164.8800, 11.8912,
-34.0978

■ 61.2710, 12.1914,
-37.0717

■ 191.9940, 12.3280,
-34.1977

■ 39.4670, 11.6018,
-34.6126

■ 220.6950, 12.4754,
-34.8125

■ 24.0450, 8.3588,
-21.0875

■ 241.2460, 6.7807,
-28.2797

■ 2.9810, 8.8834,
-2.6143

■ 249.9170, 2.5059,
-10.4512

■ 0.0000, 0.0000,
0.0000

■ 112.1790, 11.7438,
-33.4830

■ 112.1790, 11.7438,
-33.4830

■ 106.8190, 14.3862,
-41.0603

■ 117.5390, 9.1013,
-25.9057

■ 101.7580, 16.8813,
-48.0228

■ 122.6000, 6.6062,
-18.9432

■ 96.3980, 19.5238,
-55.6000

■ 127.9600, 3.9637,
-11.3659

■ 91.3370, 22.0189,
-62.5625

■ 133.0210, 1.4686,
-4.4034

■ 85.9770, 24.6613,
-70.1398

■ 138.3810, -1.1738,
3.1739

■ 83.5960, 25.8352,
-73.3137

■ 143.7410, -3.8163,
10.7511

■ 148.8020, -6.3114,
17.7136

■ 154.1620, -8.9539,

25.2909

■ 159.2230,
-11.4489, 32.2534

Harmonies

Analogous

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



112.5510, 4.1654, -29.4242



112.1790, 11.7438, -33.4830



114.6620, 15.9426, -26.8906

Triad

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



112.1790, 11.7438, -33.4830



121.8910, 5.4767, 16.7586



118.1570, -14.8674, 8.6323

Complementary

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



112.1790, 11.7438, -33.4830



97.8210, -11.7438, 33.4830

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.



119.1630, -13.8844, 20.0280



112.1790, 11.7438, -33.4830



121.5840, -2.2599, 24.9208

Square

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



112.1790, 11.7438, -33.4830



120.5240, 12.0667, 3.0485



120.4610, -9.1013, 25.9057



115.9920, -11.3351, -4.3780

Rectangle

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



112.1790, 11.7438, -33.4830



116.8310, 16.3523, -18.2688



120.4610, -9.1013, 25.9057



118.4780, -15.0257, 12.7358

Sweetspot

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



112.1790, 11.7438, -33.4830



166.1770, 4.8427, -13.3102



111.3060, -14.4479, -32.7174



83.3410, 2.7899, -8.1921



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



112.1790, 11.7438, -33.4830



138.7790, 18.3500, -52.4262



94.5690, 20.4255, -18.0390



66.3200, 1.3212, -3.7886



81.4930, 25.3930, -71.4694



2.9180, 1.0264, -2.5591

Inverse Universe

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



98.5800, 14.0111, 32.8173



117.4650, 21.9558, 51.3352



115.4310, -20.4255, 18.0390



64.7770, 1.5889, 3.7036



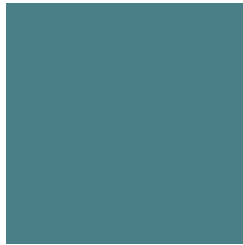
52.6490, 29.7530, 70.4678



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 112.1790, 11.7438, -33.4830 looks on a white 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

Black Background



This preview shows how the YUV color 112.1790, 11.7438, -33.4830 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

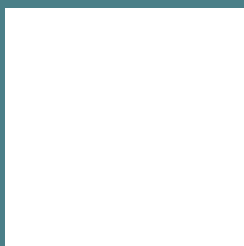
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.1790, 11.7438, -33.4830

Background



This preview shows how black text looks on a background with the YUV color 112.1790, 11.7438, -33.4830.

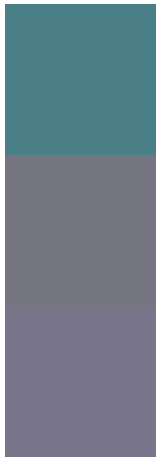


This preview shows how white text looks on a background with the YUV color 112.1790, 11.7438,

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

112.1790, 11.7438, -33.4830

Protanopia

119.0690, 5.3890, -1.8145

Deuteranopia

119.7040, 9.0199, 0.2596



Tritanopia

112.2930, 12.1806, -33.5830

Trichromacy



Original Color

112.1790, 11.7438, -33.4830

Protanomaly

116.2740, 7.7529, -13.3953

Deuteranomaly

116.8550, 9.9315, -12.1508

Tritanomaly

112.2930, 12.1806, -33.5830

Monochromacy



Original Color

112.1790, 11.7438, -33.4830

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7750, 4.5479, -12.0807

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.1790, 11.7438, -33.4830 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(74, 127, 136)` looks like.

```
.text, #text, p{  
    color:rgb(74, 127, 136)  
}
```

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(74, 127, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 127, 136) }
```

Border

The CSS property to change the border of an element to YUV 112.1790, 11.7438, -33.4830 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(74, 127, 136) }
```


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

```
.border{ border-color:rgb(74, 127, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 127, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 127, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 127, 136);  
box-shadow:4px 4px 4px 4px rgb(74, 127,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 112.1790, 11.7438, -33.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 127, 136) }
```

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

```
.background{ background-color: rgb(74, 127,  
136) }
```

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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