

Converting Colors

YUV(112.8770, -6.8414, 0.9849)

Have a look what the booklet for
YUV(112.8770, -6.8414, 0.9849)
contains.

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Color

**YUV(112.8770, -6.8414,
0.9849)**

Conversions

Conversions Part 1

Format	Color
Hex	727363
RGB	114, 115, 99
RGB Percent	45%, 45%, 39%
CMY	0.5529, 0.5490, 0.6118
CMYK	0.01, 0.00, 0.14, 0.55
HSL	64°, 7%, 42%
HSV	64°, 14%, 45%
XYZ	15.3223, 16.7397, 14.2279
YIQ	112.8770, 4.5400, -5.1880

Conversions

Conversions Part 2

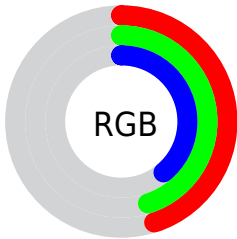
Format	Color
RYB	99, 115, 100
Decimal	7500643
CIELab	47.93, -3.44, 8.73
CIElCh	48, 9.387, 111.491
Yxy	16.7397, 0.3310, 0.3616
Android (android.graphics.Color)	4285690723 (0xFF727363)
YUV	112.8770, -6.8414, 0.9849
Hunter-Lab	40.9142, -4.7520, 8.0219

Details

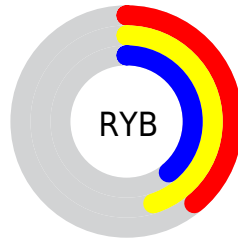
The YUV color **112.8770, -6.8414, 0.9849** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **101.1230, 6.8414, -0.9849**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.7630, -7.2782, 1.0848**, and **64.9910, -6.4046, 0.8849** is the 20% darker color. If you saturate the color by 10%, you get **111.3240, -11.4987, 1.4699**, and if you desaturate by 10%, it is **114.5440, -1.7472, 0.3999**.

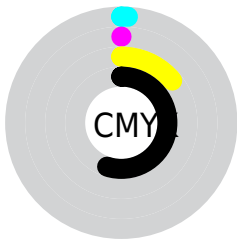
Distribution



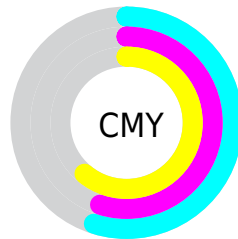
- Red (45%)
- Green (45%)
- Blue (39%)



- Red (39%)
- Yellow (45%)
- Blue (39%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (55%)



- Cyan (55%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8770, -6.8414, 0.9849 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 112.8770, -6.8414, 0.9849 by changing the saturation by 10% instead.

■ 112.8770, -6.8414,
0.9849

■ 112.8770, -6.8414,
0.9849

255.0000, 0.0000,
0.0000

■ 87.9910, -6.4046,
0.8849

■ 164.7630, -7.2782,
1.0848

■ 64.9910, -6.4046,
0.8849

■ 191.6490, -7.7150,
1.1848

■ 43.1050, -5.9678,
0.7849

■ 219.6490, -7.7150,
1.1848

■ 22.0620, -7.4256,
1.6996

■ 247.9480, -7.8624,
1.7996

■ 0.0000, 0.0000,
0.0000

■ 112.8770, -6.8414,

■ 112.8770, -6.8414,

0.9849

0.9849

■ 111.3240,
-11.4987, 1.4699

■ 114.5440, -1.7472,
0.3999

■ 109.9560,
-16.7403, 2.6696

■ 115.7980, 3.0576,
-0.6998

■ 108.4030,
-21.3977, 3.1546

■ 117.4650, 8.1518,
-1.2848

■ 106.7360,
-26.4918, 3.7395

■ 119.0180, 12.8091,
-1.7698

■ 105.1830,
-31.1492, 4.2245

■ 120.5710, 17.4665,
-2.2548

■ 103.8150,
-36.3908, 5.4242

■ 121.9390, 22.7081,
-3.4545

■ 102.1480,
-41.4850, 6.0092

■ 123.6060, 27.8022,
-4.0395

■ 100.5950,
-46.1423, 6.4942

■ 125.1590, 32.4596,
-4.5244

■ 99.7970, -49.1999,
7.1940

■ 126.5270, 37.7012,
-5.7242

Harmonies

Analogous

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



113.3940, -7.5892, 7.5475



112.8770, -6.8414, 0.9849



111.9300, -3.9095, -6.0776

Triad

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



112.8770, -6.8414, 0.9849



111.7470, 7.0267, -13.8101



115.7780, 0.1094, 11.5957

Complementary

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



112.8770, -6.8414, 0.9849



101.1230, 6.8414, -0.9849

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.



115.1840, 4.3463, 5.9776



112.8770, -6.8414, 0.9849



113.0080, 7.8841, -8.7770

Square

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



112.8770, -6.8414, 0.9849



110.9380, 3.9746, -14.8546



114.1230, 6.8414, -0.9849



115.4640, -3.6798, 13.6251

Rectangle

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



112.8770, -6.8414, 0.9849



111.4780, -1.7147, -10.0662



114.1230, 6.8414, -0.9849



115.5220, 1.7147, 10.0662

Sweetspot

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



112.8770, -6.8414, 0.9849



149.3160, -2.6208, 0.5999



104.3710, -2.6479, 9.3216



76.2450, -1.5998, -0.2149



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



112.8770, -6.8414, 0.9849



146.8510, -10.7725, 1.8847



110.4850, -5.6621, -3.9333



58.0170, -2.4734, -0.0149



105.9990, -52.2575, 7.8939



216.7160, -106.8410, 15.1581

Inverse Universe

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



101.1230, 6.8414, -0.9849



128.1490, 10.7725, -1.8847



103.5150, 5.6621, 3.9333



53.6840, 2.6208, -0.5999



16.3000, 52.1101, -7.2791



33.2840, 106.8410, -15.1581

Previews

White Background



This preview shows how the YUV color 112.8770, -6.8414, 0.9849 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 112.8770, -6.8414, 0.9849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

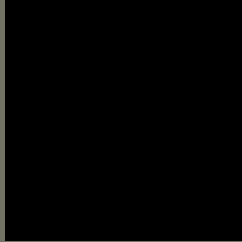
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

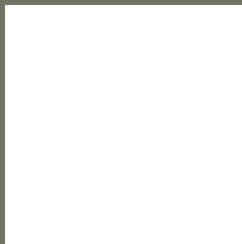
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 112.8770, -6.8414, 0.9849

Background



This preview shows how black text looks on a background with the YUV color 112.8770, -6.8414, 0.9849.



This preview shows how white text looks on a background with the YUV color 112.8770, -6.8414,

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

112.8770, -6.8414, 0.9849

Protanopia

113.0840, -7.4364, 5.1883

Deuteranopia

114.8400, -7.3161, 13.2953



Tritanopia

114.5210, 3.1941, 2.1741

Trichromacy



Original Color

112.8770, -6.8414, 0.9849

Protanomaly

113.0730, -7.4310, 3.4440

Deuteranomaly

114.2200, -7.0105, 8.5771

Tritanomaly

113.8970, -0.4422, 1.8443

Monochromacy



Original Color

112.8770, -6.8414, 0.9849

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8770, -6.8414, 0.9849 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(114, 115, 99)` looks like.

```
.text, #text, p{  
    color:rgb(114, 115, 99)  
}
```

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(114, 115, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 115, 99) }
```

Border

The CSS property to change the border of an element to YUV 112.8770, -6.8414, 0.9849 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(114, 115, 99) }
```


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

```
.border{ border-color:rgb(114, 115, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 115, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 115, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 115, 99);  
box-shadow:4px 4px 4px 4px rgb(114, 115,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 112.8770, -6.8414, 0.9849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 115, 99) }
```

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

```
.background{ background-color: rgb(114,  
115, 99) }
```

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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