

Converting Colors

YUV(106.7400, 14.4252,
-6.7880)

Have a look what the booklet for
YUV(106.7400, 14.4252, -6.7880)
contains.

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Color

**YUV(106.7400, 14.4252,
-6.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	636988
RGB	99, 105, 136
RGB Percent	39%, 41%, 53%
CMY	0.6118, 0.5882, 0.4667
CMYK	0.27, 0.23, 0.00, 0.47
HSL	230°, 16%, 46%
HSV	230°, 27%, 53%
XYZ	14.6411, 14.5334, 25.3261
YIQ	106.7400, -13.5270, 8.3690

Conversions

Conversions Part 2

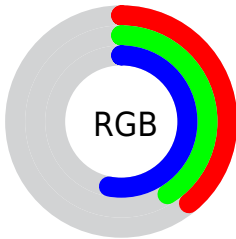
Format	Color
R_{YB}	99, 104, 136
Decimal	6515080
CIE _{Lab}	44.99, 5.15, -17.85
CIE _{LCh}	45, 18.574, 286.092
Yxy	14.5334, 0.2686, 0.2667
Android (android.graphics.Color)	4284705160 (0xFF636988)
YUV	106.7400, 14.4252, -6.7880
Hunter-Lab	38.1227, 1.8387, -12.7024

Details

The YUV color **106.7400, 14.4252, -6.7880** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **128.2600, -14.4252, 6.7880**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9680, 15.2988, -6.9879**, and **59.0990, 13.2622, -7.1028** is the 20% darker color. If you saturate the color by 10%, you get **96.0970, 19.6722, -9.7321**, and if you desaturate by 10%, it is **117.3830, 9.1782, -3.8439**.

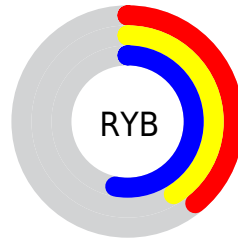
Distribution



Red (39%)

Green (41%)

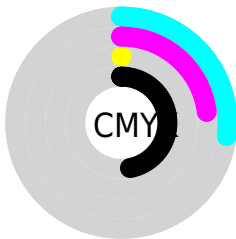
Blue (53%)



Red (39%)

Yellow (41%)

Blue (53%)

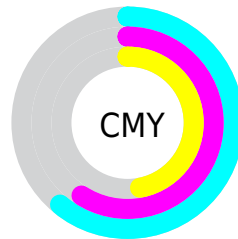


Cyan (27%)

Magenta (23%)

Yellow (0%)

Black (47%)



Cyan (61%)

Magenta (59%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.7400, 14.4252, -6.7880 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 106.7400, 14.4252, -6.7880 by changing the saturation by 10% instead.

■ 106.7400, 14.4252,
-6.7880

■ 106.7400, 14.4252,
-6.7880

■ 255.0000, 0.0000,
0.0000

■ 82.6260, 13.9884,
-6.6880

■ 157.9680, 15.2988,
-6.9879

■ 59.0990, 13.2622,
-7.1028

■ 185.0820, 15.7356,
-7.0879

■ 37.2730, 12.6834,
-8.1324

■ 213.1960, 16.1724,
-7.1879

■ 15.2730, 12.6834,
-8.1324

■ 239.0300, 7.8732,
-5.2883

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 106.7400, 14.4252,
-6.7880

■ 106.7400, 14.4252,
-6.7880

■ 96.0970, 19.6722,
-9.7321

■ 117.3830, 9.1782,
-3.8439

■ 85.1660, 25.0612,
-11.5466

■ 128.3140, 3.7892,
-2.0294

■ 74.5230, 30.3082,
-14.4907

■ 138.9570, -1.4578,
0.9147

■ 63.5920, 35.6971,
-16.3052

■ 149.8880, -6.8468,
2.7292

■ 52.9490, 40.9441,
-19.2493

■ 160.5310,
-12.0938, 5.6733

■ 42.3060, 46.1911,
-22.1934

■ 171.1740,
-17.3408, 8.6174

■ 31.3750, 51.5801,
-24.0079


■ 182.1050,
-22.7298, 10.4319

■ 28.4180, 53.0379,

■ 192.7480,

-24.9226

-27.9768, 13.3760

 203.6790,
-33.3657, 15.1905

Harmonies

Analogous

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



103.0970, 16.2212, -22.8871



106.7400, 14.4252, -6.7880



108.8730, 9.4296, 8.8814

Triad

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



106.7400, 14.4252, -6.7880



107.5810, -11.1324, 24.0465



100.8030, -1.3819, -23.5062

Complementary

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



106.7400, 14.4252, -6.7880



128.2600, -14.4252, 6.7880

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.



102.9420, -8.8454, -9.5961



106.7400, 14.4252, -6.7880



106.3150, -14.4523, 15.5097

Square

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



106.7400, 14.4252, -6.7880



108.3130, -4.5913, 26.0355



104.7650, -13.6881, 3.7141



99.0390, 7.3758, -32.4832

Rectangle

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



106.7400, 14.4252, -6.7880



109.0760, 4.8925, 17.4733



104.7650, -13.6881, 3.7141



101.4400, -4.1609, -18.8029

Sweetspot

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



106.7400, 14.4252, -6.7880



164.7700, 5.5364, -2.4293



124.2530, 2.8333, -22.1469



82.2000, 3.3524, -1.9294



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.



106.7400, 14.4252, -6.7880



129.8950, 22.7298, -10.4319



106.8060, 14.3926, 3.6781



63.3850, 2.7682, -1.2146



28.0760, 51.7275, -24.6227



1.1570, 1.8946, -1.0147

Inverse Universe

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



110.7470, -2.8333, 22.1469



136.3680, -4.6184, 34.7573



128.1940, -14.3926, -3.6781



64.2070, -0.5951, 4.2035



42.2750, -9.9956, 79.5658



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 106.7400, 14.4252, -6.7880 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 106.7400, 14.4252, -6.7880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

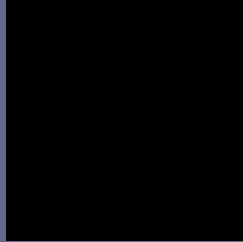
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.7400, 14.4252, -6.7880

Background



This preview shows how black text looks on a background with the YUV color 106.7400, 14.4252, -6.7880.



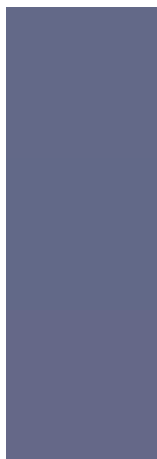
This preview shows how white text looks on a background with the YUV color 106.7400, 14.4252, -6.7880.

-6.7880.

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

106.7400, 14.4252, -6.7880

Protanopia

106.4410, 14.5726, -7.4028

Deuteranopia

106.7510, 14.4198, -5.0436



Tritanopia

105.1390, 5.8475, -8.8919

Trichromacy



Original Color

106.7400, 14.4252, -6.7880

Protanomaly

106.4410, 14.5726, -7.4028

Deuteranomaly

106.4520, 14.5672, -5.6584

Tritanomaly

105.6490, 9.0470, -8.4622

Monochromacy



Original Color

106.7400, 14.4252, -6.7880

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7700, 5.5364, -2.4293

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7400, 14.4252, -6.7880 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(99, 105, 136)` looks like.

```
.text, #text, p{  
    color:rgb(99, 105, 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(99, 105, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 105, 136) }
```

Border

The CSS property to change the border of an element to YUV 106.7400, 14.4252, -6.7880 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(99, 105, 136) }
```


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

```
.border{ border-color:rgb(99, 105, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 105, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 105, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 105, 136);  
box-shadow:4px 4px 4px 4px rgb(99, 105,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 106.7400, 14.4252, -6.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 105, 136) }
```

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

```
.background{ background-color: rgb(99, 105,  
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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