

Converting Colors

YUV(112.2300, 14.6766, 5.9373)

Have a look what the booklet for
YUV(112.2300, 14.6766, 5.9373)
contains.

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Color

**YUV(112.2300, 14.6766,
5.9373)**

Conversions

Conversions Part 1

Format	Color
Hex	77678E
RGB	119, 103, 142
RGB Percent	47%, 40%, 56%
CMY	0.5333, 0.5961, 0.4431
CMYK	0.16, 0.27, 0.00, 0.44
HSL	265°, 16%, 48%
HSV	265°, 27%, 56%
XYZ	17.3405, 15.5754, 27.6836
YIQ	112.2300, -2.9830, 15.5210

Conversions

Conversions Part 2

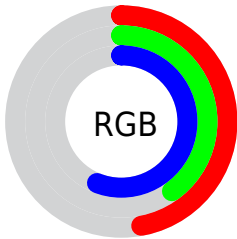
Format	Color
RYB	119, 103, 142
Decimal	7825294
CIELab	46.41, 14.56, -19.09
CIElCh	46, 24.014, 307.330
Yxy	15.5754, 0.2861, 0.2570
Android (android.graphics.Color)	4286015374 (0xFF77678E)
YUV	112.2300, 14.6766, 5.9373
Hunter-Lab	39.4657, 9.3645, -13.9635

Details

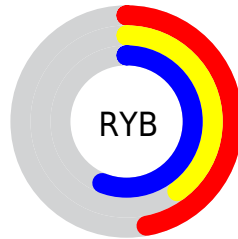
The YUV color **112.2300, 14.6766, 5.9373** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.7700, -14.6766, -5.9373**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1700, 15.6922, 6.8669**, and **64.2900, 13.6610, 5.0077** is the 20% darker color. If you saturate the color by 10%, you get **101.6200, 19.9073, 8.2263**, and if you desaturate by 10%, it is **122.8400, 9.4459, 3.6483**.

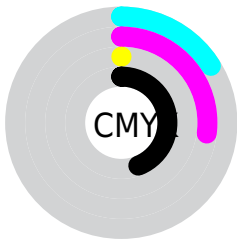
Distribution



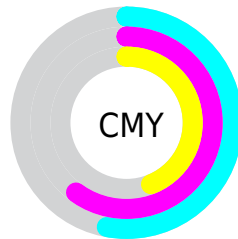
- Red (47%)
- Green (40%)
- Blue (56%)



- Red (47%)
- Yellow (40%)
- Blue (56%)



- Cyan (16%)
- Magenta (27%)
- Yellow (0%)
- Black (44%)



- Cyan (53%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.2300, 14.6766, 5.9373 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 112.2300, 14.6766, 5.9373 by changing the saturation by 10% instead.

■ 112.2300, 14.6766,
5.9373

■ 112.2300, 14.6766,
5.9373

■ 255.0000, 0.0000,
0.0000

■ 87.7030, 13.9504,
5.5225

■ 164.1700, 15.6922,
6.8669

■ 64.2900, 13.6610,
5.0077

■ 191.2840, 16.1290,
6.7669

■ 41.7630, 12.9348,
4.5928

■ 219.2840, 16.1290,
6.7669

■ 20.9370, 12.3561,
3.5633

■ 244.4340, 5.2090,
9.2664

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 112.2300, 14.6766,
5.9373

■ 112.2300, 14.6766,
5.9373

■ 101.6200, 19.9073,
8.2263

■ 122.8400, 9.4459,
3.6483

■ 90.7110, 25.2855,
9.9005

■ 133.7490, 4.0677,
1.9741

■ 79.5140, 30.8056,
12.7042

■ 144.9460, -1.4524,
-0.8296

■ 68.9040, 36.0363,
14.9932

■ 155.5560, -6.6831,
-3.1186

■ 57.9950, 41.4145,
16.6674

■ 166.4650,
-12.0612, -4.7928

■ 47.3850, 46.6452,
18.9564

■ 177.0750,
-17.2920, -7.0818

■ 36.4760, 52.0233,
20.6305


■ 187.9840,
-22.6701, -8.7560

■ 33.5300, 53.4757,

■ 199.1810,

21.4602

-28.1902, -11.5597

 209.7910,
-33.4210, -13.8487

Harmonies

Analogous

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



108.5800, 20.4201, -16.2947



112.2300, 14.6766, 5.9373



113.1630, 6.3286, 23.5360

Triad

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



112.2300, 14.6766, 5.9373



109.7460, -18.1158, 23.9018



98.9730, 7.4083, -42.9493

Complementary

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



112.2300, 14.6766, 5.9373



132.7700, -14.6766, -5.9373

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.



102.9830, -4.4286, -26.2951



112.2300, 14.6766, 5.9373



108.1310, -18.7986, 9.5321

Square

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



112.2300, 14.6766, 5.9373



111.1090, -11.8857, 32.3534



105.8730, -14.2344, -7.7816



97.6760, 17.9077, -50.5819

Rectangle

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



112.2300, 14.6766, 5.9373



112.6000, 0.1972, 30.1688



105.8730, -14.2344, -7.7816



100.2680, 3.3189, -37.9460

Sweetspot

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



112.2300, 14.6766, 5.9373



172.5040, 5.6675, 2.1890



120.9470, 10.3791, -15.7395



84.9230, 3.4890, 0.9445



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



112.2300, 14.6766, 5.9373



137.4290, 22.9595, 9.2708



117.9110, 11.8759, 17.6181



65.6950, 2.6154, 1.1445



31.8350, 50.8603, 20.3157



1.8090, 3.0522, 1.0445

Inverse Universe

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



117.2830, 4.2975, 21.6768



145.3430, 6.7329, 33.9022



127.0890, -11.8759, -17.6181



66.5490, 0.7153, 3.9035



49.4850, 15.0439, 74.9967



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 112.2300, 14.6766, 5.9373 looks on a white background.

Color Contrast Check

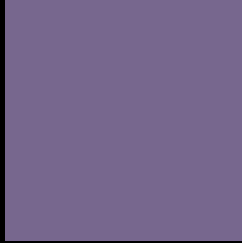
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.2300, 14.6766, 5.9373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

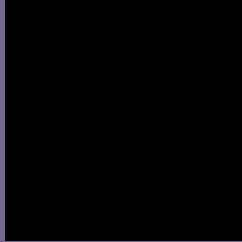
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.2300, 14.6766, 5.9373

Background



This preview shows how black text looks on a background with the YUV color 112.2300, 14.6766, 5.9373.



This preview shows how white text looks on a background with the YUV color 112.2300, 14.6766,

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

112.2300, 14.6766, 5.9373

Protanopia

110.5270, 17.4882, -9.2322

Deuteranopia

110.5660, 15.0040, -5.7584



Tritanopia

111.0050, 2.4625, 3.5036

Trichromacy



Original Color

112.2300, 14.6766, 5.9373

Protanomaly

111.3320, 16.5983, -3.7992

Deuteranomaly

110.8870, 14.8457, -1.6549

Tritanomaly

111.1560, 6.8251, 4.2482

Monochromacy



Original Color

112.2300, 14.6766, 5.9373

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.3900, 5.2307, 2.2890

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2300, 14.6766, 5.9373 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(119, 103, 142)` looks like.

```
.text, #text, p{  
    color:rgb(119, 103, 142)  
}
```

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(119, 103, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 103, 142) }
```

Border

The CSS property to change the border of an element to YUV 112.2300, 14.6766, 5.9373 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(119, 103, 142) }
```


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

```
.border{ border-color:rgb(119, 103, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 103, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 103, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 103, 142);  
box-shadow:4px 4px 4px 4px rgb(119, 103,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 112.2300, 14.6766, 5.9373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 103, 142) }
```

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

```
.background{ background-color: rgb(119,  
103, 142) }
```

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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