

Converting Colors

YUV(113.7100, 10.0030,
11.6553)

Have a look what the booklet for
YUV(113.7100, 10.0030, 11.6553)
contains.

YUV(113.7100, 10.0030, 11.6553)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(113.7100, 10.0030,
11.6553)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6786
RGB	127, 103, 134
RGB Percent	50%, 40%, 53%
CMY	0.5020, 0.5961, 0.4745
CMYK	0.05, 0.23, 0.00, 0.47
HSL	286°, 13%, 46%
HSV	286°, 23%, 53%
XYZ	17.9057, 15.9338, 24.6860
YIQ	113.7100, 4.3530, 14.7290

Conversions

Conversions Part 2

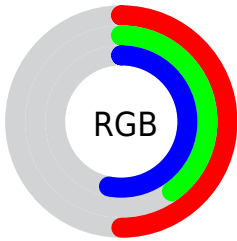
Format	Color
R_{YB}	127, 103, 134
Decimal	8349574
CIE _{Lab}	46.89, 15.56, -13.53
CIE _{LCh}	47, 20.620, 319.004
Yxy	15.9338, 0.3059, 0.2723
Android (android.graphics.Color)	4286539654 (0xFF7F6786)
YUV	113.7100, 10.0030, 11.6553
Hunter-Lab	39.9171, 10.2153, -8.7249

Details

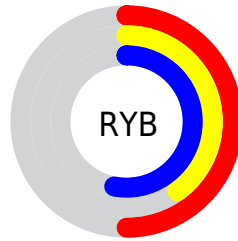
The YUV color **113.7100, 10.0030, 11.6553** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **123.2900, -10.0030, -11.6553**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5360, 10.5818, 12.6849**, and **65.7700, 8.9874, 10.7257** is the 20% darker color. If you saturate the color by 10%, you get **105.1820, 14.2073, 16.5034**, and if you desaturate by 10%, it is **122.2380, 5.7987, 6.8073**.

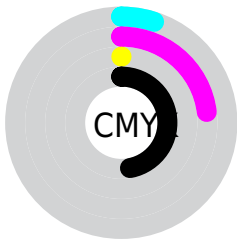
Distribution



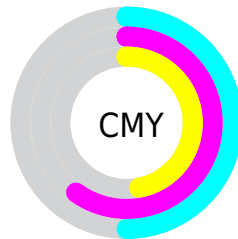
- Red (50%)
- Green (40%)
- Blue (53%)



- Red (50%)
- Yellow (40%)
- Blue (53%)



- Cyan (5%)
- Magenta (23%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7100, 10.0030, 11.6553 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 113.7100, 10.0030, 11.6553 by changing the saturation by 10% instead.

■ 113.7100, 10.0030,
11.6553

■ 113.7100, 10.0030,
11.6553

■ 255.0000, 0.0000,
0.0000

■ 89.2970, 9.7136,
11.1405

■ 165.5360, 10.5818,
12.6849

■ 65.7700, 8.9874,
10.7257

■ 192.9490, 10.8711,
13.1997

■ 43.0580, 8.8454,
9.5961

■ 220.9490, 10.8711,
13.1997

■ 21.9440, 8.4086,
9.6961

■ 244.4340, 5.2090,
9.2664

■ 2.0520, 7.8624,
-1.7996

■ 0.0000, 0.0000,
0.0000

■ 113.7100, 10.0030,
11.6553

■ 113.7100, 10.0030,
11.6553

■ 105.1820, 14.2073,
16.5034

■ 122.2380, 5.7987,
6.8073

■ 96.0670, 18.7010,
21.8662

■ 131.3530, 1.3050,
1.4444

■ 87.5390, 22.9053,
26.7143

■ 139.8810, -2.8993,
-3.4036

■ 78.4240, 27.3990,
32.0772

■ 148.9960, -7.3930,
-8.7665

■ 69.8960, 31.6033,
36.9252

■ 157.5240,
-11.5973, -13.6145

■ 61.3680, 35.8076,
41.7733

■ 166.0520,
-15.8016, -18.4626

■ 52.2530, 40.3013,
47.1361


■ 175.1670,
-20.2953, -23.8255

■ 46.3720, 43.2006,

■ 183.6950,

50.5398

-24.4996, -28.6735

 192.8100,
-28.9933, -34.0364

Harmonies

Analogous

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



111.7940, 15.8776, -5.9583



113.7100, 10.0030, 11.6553



113.7240, 2.1081, 23.9211

Triad

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



113.7100, 10.0030, 11.6553



110.7450, -16.6363, 16.0096



102.5760, 9.5760, -38.2162

Complementary

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



113.7100, 10.0030, 11.6553



123.2900, -10.0030, -11.6553

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.



104.1230, -0.0606, -27.2949



113.7100, 10.0030, 11.6553



109.2980, -15.4299, 2.3697

Square

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



113.7100, 10.0030, 11.6553



112.1360, -12.8850, 26.1907



106.8060, -9.2714, -12.9849



103.7100, 16.4120, -37.4567

Rectangle

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



113.7100, 10.0030, 11.6553



113.2640, -3.5812, 28.7095



106.8060, -9.2714, -12.9849



102.7890, 6.5130, -35.7720

Sweetspot

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



113.7100, 10.0030, 11.6553



165.3580, 3.7675, 4.9480



110.6430, 11.5150, -6.7029



82.2930, 2.3206, 2.3740



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



113.7100, 10.0030, 11.6553



141.5350, 15.5122, 17.9478



114.8910, 5.4767, 16.7586



62.1790, 1.8838, 2.4740



45.0190, 41.8956, 49.0953



0.9400, 1.0156, 0.9296

Inverse Universe

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



113.0670, -1.5120, 18.3582



140.6060, -2.2708, 28.4095



122.1090, -5.4767, -16.7586



61.9080, -0.4476, 3.5887



42.1760, -6.4958, 77.0216



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 113.7100, 10.0030, 11.6553 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 113.7100, 10.0030, 11.6553 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 113.7100, 10.0030, 11.6553

Background



This preview shows how black text looks on a background with the YUV color 113.7100, 10.0030, 11.6553.



This preview shows how white text looks on a background with the YUV color 113.7100, 10.0030,

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

113.7100, 10.0030, 11.6553

Protanopia

111.5120, 13.5516, -6.5880

Deuteranopia

112.6330, 10.0409, -0.5551



Tritanopia

112.4080, 1.2779, 10.1662

Trichromacy



Original Color

113.7100, 10.0030, 11.6553

Protanomaly

111.9150, 12.3669, 0.0745

Deuteranomaly

112.9540, 9.8827, 3.5483

Tritanomaly

112.9180, 4.4774, 10.5959

Monochromacy



Original Color

113.7100, 10.0030, 11.6553

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9450, 3.4781, 4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7100, 10.0030, 11.6553 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(127, 103, 134)` looks like.

```
.text, #text, p{  
    color:rgb(127, 103, 134)  
}
```

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(127, 103, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 103, 134) }
```

Border

The CSS property to change the border of an element to YUV 113.7100, 10.0030, 11.6553 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(127, 103, 134) }
```


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

```
.border{ border-color:rgb(127, 103, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 103, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 103, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 103, 134);  
box-shadow:4px 4px 4px 4px rgb(127, 103,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 113.7100, 10.0030, 11.6553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 103, 134) }
```

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

```
.background{ background-color: rgb(127,  
103, 134) }
```

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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