

Converting Colors

YUV(116.2900, -10.0030,
-11.6553)

Have a look what the booklet for
YUV(116.2900, -10.0030, -11.6553)
contains.

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Color

**YUV(116.2900, -10.0030,
-11.6553)**

Conversions

Conversions Part 1

Format	Color
Hex	677F60
RGB	103, 127, 96
RGB Percent	40%, 50%, 38%
CMY	0.5961, 0.5020, 0.6235
CMYK	0.19, 0.00, 0.24, 0.50
HSL	106°, 14%, 44%
HSV	106°, 24%, 50%
XYZ	15.2942, 18.9068, 13.9096
YIQ	116.2900, -4.3530, -14.7290

Conversions

Conversions Part 2

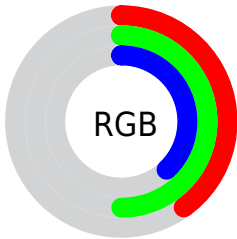
Format	Color
RYB	96, 127, 120
Decimal	6782816
CIELab	50.58, -15.02, 14.06
CIElCh	51, 20.574, 136.882
Yxy	18.9068, 0.3179, 0.3930
Android (android.graphics.Color)	4284972896 (0xFF677F60)
YUV	116.2900, -10.0030, -11.6553
Hunter-Lab	43.4820, -13.3085, 11.4709

Details

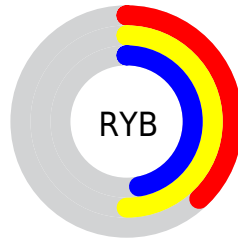
The YUV color **116.2900, -10.0030, -11.6553** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **106.7100, 10.0030, 11.6553**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4640, -10.5818, -12.6849**, and **67.9310, -8.8400, -11.3405** is the 20% darker color. If you saturate the color by 10%, you get **111.8180, -14.2073, -16.5034**, and if you desaturate by 10%, it is **120.7620, -5.7987, -6.8073**.

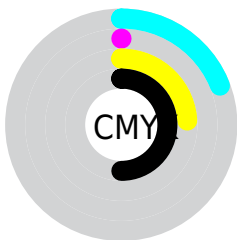
Distribution



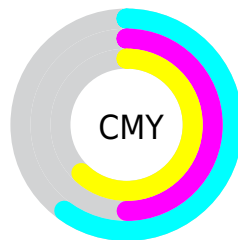
- Red (40%)
- Green (50%)
- Blue (38%)



- Red (38%)
- Yellow (50%)
- Blue (47%)



- Cyan (19%)
- Magenta (0%)
- Yellow (24%)
- Black (50%)



- Cyan (60%)
- Magenta (50%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2900, -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 116.2900, -10.0030, -11.6553 by changing the saturation by 10% instead.

■ 116.2900,
-10.0030, -11.6553

■ 116.2900,
-10.0030, -11.6553

■ 255.0000, 0.0000,
0.0000

■ 91.7030, -9.7136,
-11.1405

■ 168.4640,
-10.5818, -12.6849

■ 67.9310, -8.8400,
-11.3405

■ 195.3500,
-11.0185, -12.5849

■ 45.3440, -8.5506,
-10.8257

■ 223.9370,
-11.3079, -13.0997

■ 23.8990, -10.3032,
-8.6814

■ 246.6540, -8.7034,
-8.4666

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 116.2900,
-10.0030, -11.6553

■ 116.2900,
-10.0030, -11.6553

■ 111.8180,
-14.2073, -16.5034

■ 120.7620, -5.7987,
-6.8073

■ 107.4600,
-17.9748, -21.4514

■ 125.1200, -2.0312,
-1.8592

■ 103.2870,
-22.3265, -25.6847

■ 129.2930, 2.3206,
2.3740

■ 98.8150, -26.5308,
-30.5328

■ 133.7650, 6.5249,
7.2221

■ 94.4570, -30.2983,
-35.4808

■ 138.2370, 10.7292,
12.0702

■ 89.9850, -34.5026,
-40.3288

■ 142.5950, 14.4967,
17.0182

■ 85.5130, -38.7069,
-45.1769

■ 147.0670, 18.7010,
21.8662

■ 83.2200, -41.0275,

■ 151.5390, 22.9053,

-47.5509

26.7143

■ 155.5980, 26.8202,
31.0476

Harmonies

Analogous

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



118.3090, -15.4353, 4.1140



116.2900, -10.0030, -11.6553



113.8950, -0.9342, -27.0949

Triad

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



116.2900, -10.0030, -11.6553



116.6560, 18.4106, -25.1313



122.6940, -5.7651, 29.2094

Complementary

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



116.2900, -10.0030, -11.6553



106.7100, 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.



122.9520, 2.9817, 23.7211



116.2900, -10.0030, -11.6553



121.1960, 16.1724, -7.1879

Square

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



116.2900, -10.0030, -11.6553



112.5960, 15.9752, -37.3567



123.1120, 10.2978, 10.4258



121.5490, -12.5957, 26.7055

Rectangle

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



116.2900, -10.0030, -11.6553



112.2730, 5.7814, -34.4424



123.1120, 10.2978, 10.4258



123.0790, -2.9969, 27.9947

Sweetspot

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



116.2900, -10.0030, -11.6553



161.9410, -3.9149, -4.3333



119.3570, -11.5150, 6.7029



81.7070, -2.3206, -2.3740



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



116.2900, -10.0030, -11.6553



149.4650, -15.5122, -17.9478



115.1090, -5.4767, -16.7586



61.7070, -2.3206, -2.3740



83.8070, -41.3169, -48.0657



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.7100, 10.0030, 11.6553



134.5350, 15.5122, 17.9478



107.8910, 5.4767, 16.7586



59.2930, 2.3206, 2.3740



44.1930, 41.3169, 48.0657



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 116.2900, -10.0030, -11.6553 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 116.2900, -10.0030, -11.6553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

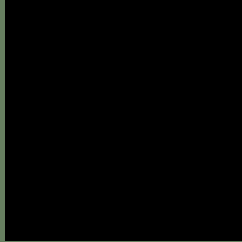
Any Text WCAG AA ✓ Pass

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 116.2900, -10.0030, -11.6553 Background



This preview shows how black text looks on a background with the YUV color 116.2900, -10.0030, -11.6553.



This preview shows how white text looks on a background with the YUV color 116.2900, -10.0030,

-11.6553.

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

116.2900, -10.0030, -11.6553

Protanopia

119.3140, -12.9728, 7.6176

Deuteranopia

120.2380, -10.9633, 16.4543



Tritanopia

119.2530, 6.2843, -8.9919

Trichromacy



Original Color

116.2900, -10.0030, -11.6553

Protanomaly

118.4980, -12.0775, 0.4403

Deuteranomaly

118.5850, -10.6414, 6.5030

Tritanomaly

118.3470, 0.3219, -9.9513

Monochromacy



Original Color

116.2900, -10.0030, -11.6553

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0550, -3.4781, -4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2900, -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(103, 127, 96)` looks like.

```
.text, #text, p{  
    color:rgb(103, 127, 96)  
}
```

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(103, 127, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 127, 96) }
```

Border

The CSS property to change the border of an element to YUV 116.2900, -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(103, 127, 96) }
```


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

```
.border{ border-color:rgb(103, 127, 96) }
```

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

Here you see how a box with a 4 pixel rgb(103, 127, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 127, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 127, 96);  
box-shadow:4px 4px 4px 4px rgb(103, 127,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 116.2900, -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(103, 127, 96) }
```

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

```
.background{ background-color: rgb(103,  
127, 96) }
```

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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