

Converting Colors

YUV(11.2600, 39.3118, -8.9980)

Have a look what the booklet for
YUV(11.2600, 39.3118, -8.9980)
contains.

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Color

**YUV(11.2600, 39.3118,
-8.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	01015B
RGB	1, 1, 91
RGB Percent	0%, 0%, 36%
CMY	0.9961, 0.9961, 0.6431
CMYK	0.99, 0.99, 0.00, 0.64
HSL	240°, 98%, 18%
HSV	240°, 99%, 36%
XYZ	1.9117, 0.7835, 9.9480
YIQ	11.2600, -28.8900, 27.9900

Conversions

Conversions Part 2

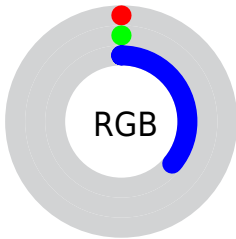
Format	Color
R_{YB}	1, 1, 91
Decimal	65883
CIE Lab	7.08, 36.51, -50.29
CIE LCh	7, 62.143, 305.976
Yxy	0.7835, 0.1512, 0.0620
Android (android.graphics.Color)	4278255963 (0xFF01015B)
YUV	11.2600, 39.3118, -8.9980
Hunter-Lab	8.8515, 23.0613, -60.4386

Details

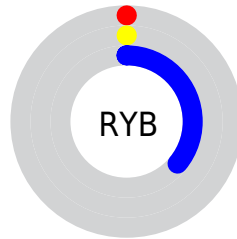
The YUV color **11.2600, 39.3118, -8.9980** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **80.7400, -39.3118, 8.9980**, and the grayscale version is **11.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.5330, 38.6842, 5.6716**, and **6.7770, 18.3509, -5.9434** is the 20% darker color. If you saturate the color by 10%, you get **10.3740, 39.7486, -9.0980**, and if you desaturate by 10%, it is **19.2340, 35.3806, -8.0982**.

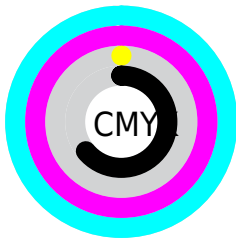
Distribution



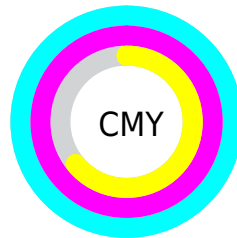
- Red (0%)
- Green (0%)
- Blue (36%)



- Red (0%)
- Yellow (0%)
- Blue (36%)



- Cyan (99%)
- Magenta (99%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 11.2600, 39.3118, -8.9980 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 11.2600, 39.3118, -8.9980 by changing the saturation by 10% instead.

■ 11.2600, 39.3118,
-8.9980

■ 11.2600, 39.3118,
-8.9980

■ 237.9770, 8.3923,
14.9292

■ 7.6380, 29.2655,
-6.6985

■ 63.5330, 38.6842,
5.6716

■ 6.7770, 18.3509,
-5.9434

■ 88.1850, 39.8418,
7.7308

■ 3.0950, 9.3202,
-2.7143

■ 114.1250, 40.8574,
8.6604


■ 0.0000, 0.0000,
0.0000


■ 140.3640, 41.7255,
10.2048


■ 167.3040, 42.7411,
11.1344


■ 191.3510, 31.3790,


15.4782


 216.4580, 19.0012,
18.8923


 11.2600, 39.3118,
-8.9980


 11.2600, 39.3118,
-8.9980


 10.3740, 39.7486,
-9.0980

 19.2340, 35.3806,
-8.0982

 27.2080, 31.4495,
-7.1984

 35.1820, 27.5183,
-6.2986

 43.1560, 23.5871,
-5.3988

 52.0160, 19.2191,
-4.3990

■ 59.9900, 15.2879,
-3.4992

■ 67.9640, 11.3567,
-2.5994

■ 75.9380, 7.4256,
-1.6996

■ 83.9120, 3.4944,
-0.7998

Harmonies

Analogous

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



28.7480, 39.0712, -25.2120



11.2600, 39.3118, -8.9980



27.6130, 13.9948, 38.0504

Triad

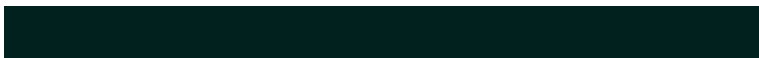
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.2600, 39.3118, -8.9980



16.4340, -8.1020, 32.0684



22.7910, 3.5540, -19.9877

Complementary

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



11.2600, 39.3118, -8.9980



80.7400, -39.3118, 8.9980

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.



18.7840, -9.2605, -16.4736



11.2600, 39.3118, -8.9980



20.0680, -9.8935, -0.0596

Square

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



11.2600, 39.3118, -8.9980



22.4250, -11.0555, 46.1083



18.7840, -9.2605, -16.4736



28.6390, 20.8840, -25.1164

Rectangle

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



11.2600, 39.3118, -8.9980



28.1230, 0.4324, 48.1271



18.7840, -9.2605, -16.4736



20.8530, -3.8715, -18.2881

Sweetspot

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



11.2600, 39.3118, -8.9980



85.9900, 15.2879, -3.4992



64.0900, 13.2666, -55.3299



40.3940, 9.1728, -2.0995



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



11.2600, 39.3118, -8.9980



13.3380, 51.1054, -11.6974



24.7150, 32.6785, 18.6669



41.5700, 2.1840, -0.4999



12.5400, 48.0478, -10.9976



27.0180, 103.5211, -23.6948

Inverse Universe

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



38.1700, 26.0452, 46.3319



48.3210, 33.8587, 60.2315



67.2850, -32.6785, -18.6669



43.0650, 1.4470, 2.5740



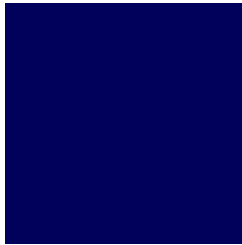
45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Previews

White Background



This preview shows how the YUV color 11.2600, 39.3118, -8.9980 looks on a white background.

Color Contrast Check

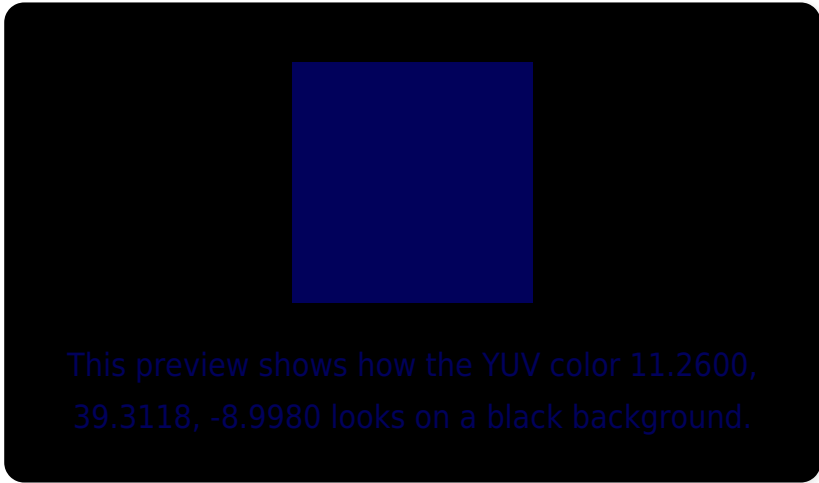
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

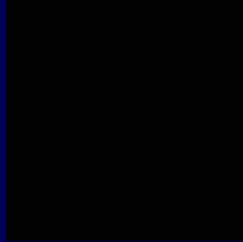
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 11.2600, 39.3118, -8.9980

Background



This preview shows how black text looks on a background with the YUV color 11.2600, 39.3118, -8.9980.



This preview shows how white text looks on a background with the YUV color 11.2600, 39.3118,

-8.9980.

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

11.2600, 39.3118, -8.9980

Protanopia

22.2330, 16.6471, -19.4983

Deuteranopia

21.7940, 12.4266, -19.1133



Tritanopia

21.8450, 5.0064, -19.1581

Trichromacy



Original Color

11.2600, 39.3118, -8.9980

Protanomaly

18.4320, 24.9300, -16.1649

Deuteranomaly

17.7480, 22.3092, -15.5650

Tritanomaly

17.7820, 17.3625, -15.5948

Monochromacy



Original Color

11.2600, 39.3118, -8.9980

Achromatopsia

11.0000, 0.0000, 0.0000

Achromatomaly

10.7620, 14.4143, -3.2993

CSS Examples

Text

The CSS property to change the color of the text to YUV 11.2600, 39.3118, -8.9980 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(1, 1, 91)` looks like.

```
.text, #text, p{  
    color:rgb(1, 1, 91)  
}
```

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(1, 1, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 1, 91) }
```

Border

The CSS property to change the border of an element to YUV 11.2600, 39.3118, -8.9980 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(1, 1, 91) }
```


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

```
.border{ border-color:rgb(1, 1, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 1, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 1, 91); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 1, 91); box-shadow:4px  
4px 4px 4px rgb(1, 1, 91) }
```

Background

The CSS property to change the background color of an element to YUV 11.2600, 39.3118, -8.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 1, 91) }
```

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

```
.background{ background-color: rgb(1, 1,  
91) }
```

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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