

Converting Colors

YUV(39.6760, 11.4987, -1.4699)

Have a look what the booklet for
YUV(39.6760, 11.4987, -1.4699)
contains.

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Color

**YUV(39.6760, 11.4987,
-1.4699)**

Conversions

Conversions Part 1

Format	Color
Hex	26243F
RGB	38, 36, 63
RGB Percent	15%, 14%, 25%
CMY	0.8510, 0.8588, 0.7529
CMYK	0.40, 0.43, 0.00, 0.75
HSL	244°, 27%, 19%
HSV	244°, 43%, 25%
XYZ	2.3274, 2.0327, 4.9723
YIQ	39.6760, -7.4750, 8.8210

Conversions

Conversions Part 2

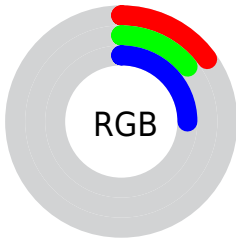
Format	Color
R_{YB}	38, 36, 63
Decimal	2499647
CIE _{Lab}	15.66, 8.74, -16.90
CIE _{LCh}	16, 19.029, 297.332
Yxy	2.0327, 0.2494, 0.2178
Android (android.graphics.Color)	4280689727 (0xFF26243F)
YUV	39.6760, 11.4987, -1.4699
Hunter-Lab	14.2573, 4.1887, -10.6976




Details

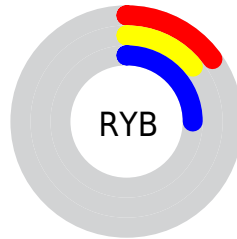
The YUV color **39.6760, 11.4987, -1.4699** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **59.3240, -11.4987, 1.4699**, and the grayscale version is **40.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **84.7300, 12.9511, -0.6402**, and **2.8670, 8.4466, -2.5144** is the 20% darker color. If you saturate the color by 10%, you get **34.3600, 14.1195, -2.0697**, and if you desaturate by 10%, it is **44.9920, 8.8779, -0.8700**.

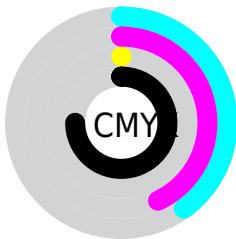
Distribution







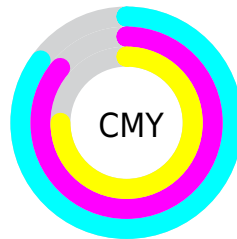
-  Red (15%)
-  Green (14%)
-  Blue (25%)






-  Red (15%)
-  Yellow (14%)
-  Blue (25%)



-  Cyan (40%)
-  Magenta (43%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (85%)
-  Magenta (86%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.6760, 11.4987, -1.4699 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 39.6760, 11.4987, -1.4699 by changing the saturation by 10% instead.

■ 39.6760, 11.4987,
-1.4699

■ 39.6760, 11.4987,
-1.4699

■ 255.0000, 0.0000,
0.0000

■ 18.5620, 11.0619,
-1.3699

■ 84.7300, 12.9511,
-0.6402

■ 2.8670, 8.4466,
-2.5144

■ 109.7300, 12.9511,
-0.6402

■ 0.0000, 0.0000,
0.0000

■ 134.9580, 13.8247,
-0.8402

■ 161.3710, 14.1141,
-0.3254

■ 187.7840, 14.4035,
0.1894

■ 215.8980, 14.8403,

0.0895

241.7320, 6.5411,
1.9890

39.6760, 11.4987,
-1.4699

39.6760, 11.4987,
-1.4699

34.3600, 14.1195,
-2.0697

44.9920, 8.8779,
-0.8700

28.4570, 17.0297,
-2.1548

50.8950, 5.9678,
-0.7849

23.4400, 19.5031,
-2.1399

56.2110, 3.3470,
-0.1850

18.1240, 22.1239,
-2.7397

61.2280, 0.8736,
-0.2000

12.2210, 25.0340,
-2.8248

67.1310, -2.0366,
-0.1149

■ 8.6770, 26.7812,
-3.2247

■ 72.4470, -4.6574,
0.4850

■ 77.7630, -7.2782,
1.0848

■ 83.0790, -9.8989,
1.6847

■ 88.6830, -12.6617,
1.1550

Harmonies

Analogous

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



34.5810, 15.4896, -21.5575



39.6760, 11.4987, -1.4699



40.7980, 6.5086, 12.4552

Triad

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



39.6760, 11.4987, -1.4699



38.5370, -11.1107, 17.0691



31.2200, 2.8495, -27.3799

Complementary

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



39.6760, 11.4987, -1.4699



59.3240, -11.4987, 1.4699

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.



34.5330, -5.1928, -14.4994



39.6760, 11.4987, -1.4699



37.6840, -14.1412, 9.0471

Square

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



39.6760, 11.4987, -1.4699



39.2370, -6.0328, 21.7172



36.6010, -11.6353, -1.4041



32.8160, 8.9647, -28.7796

Rectangle

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



39.6760, 11.4987, -1.4699



39.8050, 2.5611, 18.5880



36.6010, -11.6353, -1.4041



31.0630, 0.9549, -26.3653

Sweetspot

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



39.6760, 11.4987, -1.4699



72.5530, 4.6574, -0.4850



53.7530, 4.5588, -15.5694



35.0970, 2.9102, -0.0851



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



39.6760, 11.4987, -1.4699



45.6850, 17.9033, -2.3547



43.5630, 9.5824, 6.5222



28.3420, 1.3104, -0.2999



12.8090, 40.0272, -5.0945



30.0920, 94.6106, -12.3587

Inverse Universe

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



46.9230, 6.9400, 14.0995



57.0040, 10.8440, 21.9215



55.4370, -9.5824, -6.5222



29.1250, 0.4314, 1.6444



38.0240, 24.1452, 49.0910



89.7480, 56.8192, 115.9850

Previews

White Background



This preview shows how the YUV color 39.6760, 11.4987, -1.4699 looks on a white background.

Color Contrast Check

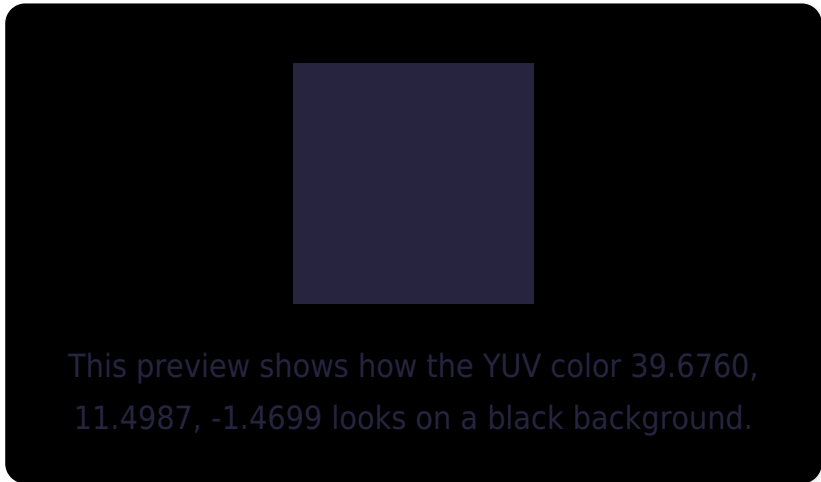
Large Text (above 18pt) WCAG AA ✓ Pass

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

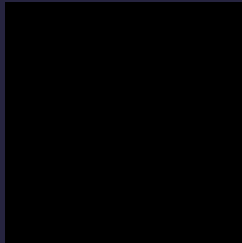
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.6760, 11.4987, -1.4699

Background



This preview shows how black text looks on a background with the YUV color 39.6760, 11.4987, -1.4699.



This preview shows how white text looks on a background with the YUV color 39.6760, 11.4987,

-1.4699.

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

39.6760, 11.4987, -1.4699

Protanopia

38.0880, 13.2676, -8.8472

Deuteranopia

37.7350, 11.9626, -10.2916



Tritanopia

38.3630, 2.7790, -4.7034

Trichromacy



Original Color

39.6760, 11.4987, -1.4699

Protanomaly

38.5830, 12.5306, -5.7733

Deuteranomaly

38.3440, 11.6624, -7.3177

Tritanomaly

39.1720, 5.8312, -3.6588

Monochromacy



Original Color

39.6760, 11.4987, -1.4699

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.0260, 3.9312, -0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.6760, 11.4987, -1.4699 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(38, 36, 63)` looks like.

```
.text, #text, p{  
    color:rgb(38, 36, 63)  
}
```

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(38, 36, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 36, 63) }
```

Border

The CSS property to change the border of an element to YUV 39.6760, 11.4987, -1.4699 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(38, 36, 63) }
```


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

```
.border{ border-color:rgb(38, 36, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 36, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 36, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 36, 63);  
box-shadow:4px 4px 4px 4px rgb(38, 36, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.6760, 11.4987, -1.4699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 36, 63) }
```

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

```
.background{ background-color: rgb(38, 36,  
63) }
```

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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