

Converting Colors

YUV(39.0890, 11.7881, -0.9551)

Have a look what the booklet for
YUV(39.0890, 11.7881, -0.9551)
contains.

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Color

**YUV(39.0890, 11.7881,
-0.9551)**

Conversions

Conversions Part 1

Format	Color
Hex	26233F
RGB	38, 35, 63
RGB Percent	15%, 14%, 25%
CMY	0.8510, 0.8627, 0.7529
CMYK	0.40, 0.44, 0.00, 0.75
HSL	246°, 29%, 19%
HSV	246°, 44%, 25%
XYZ	2.2976, 1.9730, 4.9624
YIQ	39.0890, -7.2000, 9.3440

Conversions

Conversions Part 2

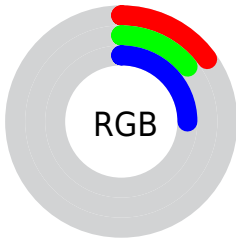
Format	Color
R_{YB}	38, 35, 63
Decimal	2499391
CIE Lab	15.34, 9.46, -17.40
CIE LCh	15, 19.804, 298.544
Yxy	1.9730, 0.2488, 0.2137
Android (android.graphics.Color)	4280689471 (0xFF26233F)
YUV	39.0890, 11.7881, -0.9551
Hunter-Lab	14.0464, 4.6160, -11.1137




Details

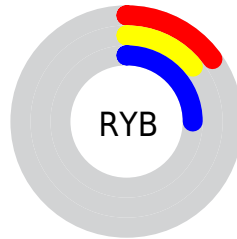
The YUV color **39.0890, 11.7881, -0.9551** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **58.9110, -11.7881, 0.9551**, and the grayscale version is **39.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **84.1430, 13.2405, -0.1254**, and **2.8670, 8.4466, -2.5144** is the 20% darker color. If you saturate the color by 10%, you get **33.7730, 14.4089, -1.5549**, and if you desaturate by 10%, it is **44.4050, 9.1673, -0.3552**.

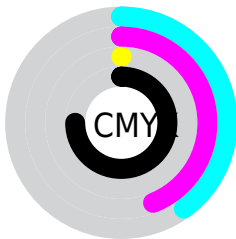
Distribution







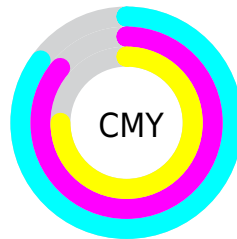
-  Red (15%)
-  Green (14%)
-  Blue (25%)






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



-  Cyan (40%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (75%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 39.0890, 11.7881, -0.9551 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 39.0890, 11.7881, -0.9551 by changing the saturation by 10% instead.

■ 39.0890, 11.7881,
-0.9551

■ 39.0890, 11.7881,
-0.9551

■ 255.0000, 0.0000,
0.0000

■ 17.9750, 11.3513,
-0.8551

■ 84.1430, 13.2405,
-0.1254

■ 2.8670, 8.4466,
-2.5144

■ 108.5560, 13.5299,
0.3894

■ 0.0000, 0.0000,
0.0000

■ 133.7840, 14.4035,
0.1894

■ 160.1970, 14.6929,
0.7042

■ 187.3110, 15.1297,
0.6043

■ 215.3110, 15.1297,

0.6043

241.1450, 6.8305,
2.5038

39.0890, 11.7881,
-0.9551

39.0890, 11.7881,
-0.9551

33.7730, 14.4089,
-1.5549

44.4050, 9.1673,
-0.3552

28.1690, 17.1717,
-1.0252

50.0090, 6.4046,
-0.8849

22.8530, 19.7925,
-1.6251

55.3250, 3.7838,
-0.2850

17.8360, 22.2659,
-1.6102

60.6410, 1.1630,
0.3148

12.5200, 24.8866,
-2.2100

66.2450, -1.5998,
-0.2149

■ 9.2750, 26.4864,
-1.9952

■ 71.5610, -4.2206,
0.3850

■ 76.5780, -6.6940,
0.3701

■ 81.8940, -9.3147,
0.9700

■ 87.7970, -12.2249,
1.0550

Harmonies

Analogous

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



33.3960, 16.0738, -22.2723



39.0890, 11.7881, -0.9551



40.0970, 6.3612, 13.0699

Triad

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



39.0890, 11.7881, -0.9551



37.7220, -11.6949, 17.7838



30.6330, 3.1389, -26.8651

Complementary

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



39.0890, 11.7881, -0.9551



58.9110, -11.7881, 0.9551

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.



32.9350, -4.8980, -15.7290



39.0890, 11.7881, -0.9551



36.4560, -15.0148, 9.2471

Square

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



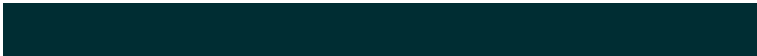
39.0890, 11.7881, -0.9551



38.5360, -6.1802, 22.3319



35.3020, -11.4879, -2.0189



32.2290, 9.2541, -28.2648

Rectangle

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



39.0890, 11.7881, -0.9551



39.1040, 2.4137, 19.2028



35.3020, -11.4879, -2.0189



30.0630, 0.9549, -26.3653

Sweetspot

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



39.0890, 11.7881, -0.9551



72.5530, 4.6574, -0.4850



52.8670, 4.9956, -15.6694



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.



39.0890, 11.7881, -0.9551



44.5110, 18.4821, -1.3251



43.2750, 9.7244, 7.6518



28.3420, 1.3104, -0.2999



13.7060, 39.5849, -3.2502



32.4840, 93.4314, -7.4405

Inverse Universe

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



46.2220, 6.7926, 14.7143



55.6020, 10.5492, 23.1510



54.7250, -9.7244, -7.6518



29.1250, 0.4314, 1.6444



37.6820, 22.8348, 49.3909



88.9500, 53.7616, 116.6849

Previews

White Background



This preview shows how the YUV color 39.0890, 11.7881, -0.9551 looks on a white background.

Color Contrast Check

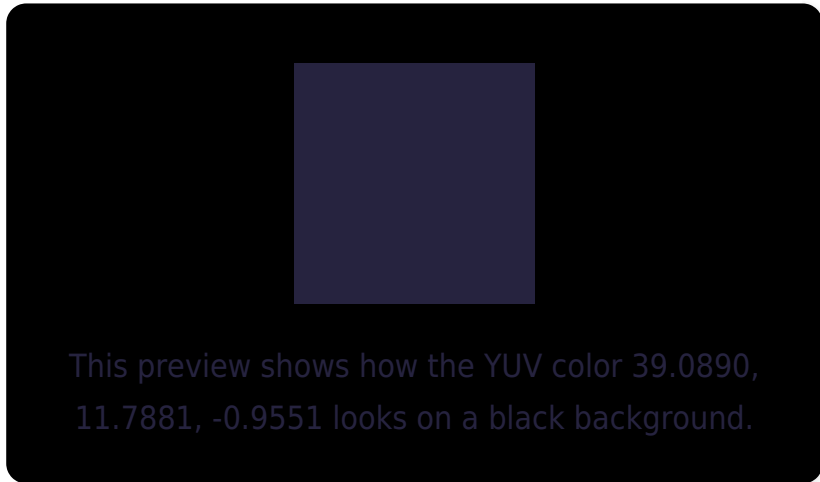
Large Text (above 18pt) WCAG AA ✓ Pass

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

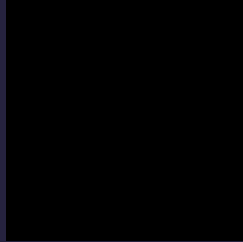
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.0890, 11.7881, -0.9551

Background



This preview shows how black text looks on a background with the YUV color 39.0890, 11.7881, -0.9551.



This preview shows how white text looks on a background with the YUV color 39.0890, 11.7881,

-0.9551.

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

39.0890, 11.7881, -0.9551

Protanopia

37.7890, 13.4150, -9.4620

Deuteranopia

37.1370, 12.2575, -11.5211



Tritanopia

38.2490, 2.3422, -4.6034

Trichromacy



Original Color

39.0890, 11.7881, -0.9551

Protanomaly

38.2840, 12.6780, -6.3881

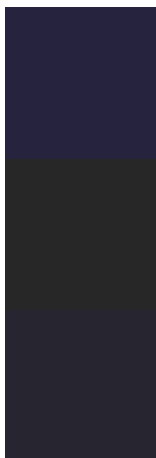
Deuteranomaly

38.0450, 11.8098, -7.9325

Tritanomaly

38.4710, 5.6838, -3.0441

Monochromacy



Original Color

39.0890, 11.7881, -0.9551

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.4390, 4.2206, -0.3850

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.0890, 11.7881, -0.9551 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, 35, 63)` looks like.

```
.text, #text, p{  
    color:rgb(38, 35, 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, 35, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 35, 63) }
```

Border

The CSS property to change the border of an element to YUV 39.0890, 11.7881, -0.9551 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, 35, 63) }
```


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

```
.border{ border-color:rgb(38, 35, 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, 35, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 35, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 35, 63);  
box-shadow:4px 4px 4px 4px rgb(38, 35, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.0890, 11.7881, -0.9551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 35, 63) }
```

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

```
.background{ background-color: rgb(38, 35,  
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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