

Converting Colors

YUV(28.9890, 16.7674,
-11.3914)

Have a look what the booklet for
YUV(28.9890, 16.7674, -11.3914)
contains.

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Color

**YUV(28.9890, 16.7674,
-11.3914)**

Conversions

Conversions Part 1

Format	Color
Hex	101D3F
RGB	16, 29, 63
RGB Percent	6%, 11%, 25%
CMY	0.9373, 0.8863, 0.7529
CMYK	0.75, 0.54, 0.00, 0.75
HSL	223°, 59%, 15%
HSV	223°, 75%, 25%
XYZ	1.5503, 1.3478, 4.8811
YIQ	28.9890, -18.6620, 7.8180

Conversions

Conversions Part 2

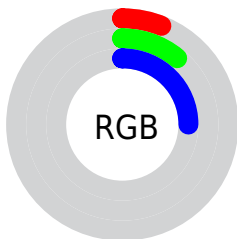
Format	Color
R_{YB}	16, 26, 63
Decimal	1056063
CIE Lab	11.61, 7.81, -23.45
CIE LCh	12, 24.719, 288.424
Yxy	1.3478, 0.1993, 0.1733
Android (android.graphics.Color)	4279246143 (0xFF101D3F)
YUV	28.9890, 16.7674, -11.3914
Hunter-Lab	11.6094, 3.5196, -16.8015

Details

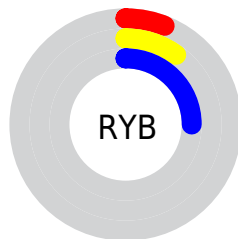
The YUV color **28.9890, 16.7674, -11.3914** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **50.0110, -16.7674, 11.3914**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.3530, 18.0670, -8.2026**, and **2.7530, 8.0098, -2.4144** is the 20% darker color. If you saturate the color by 10%, you get **24.2600, 19.0988, -12.5060**, and if you desaturate by 10%, it is **33.7180, 14.4360, -10.2767**.

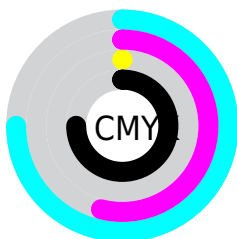
Distribution



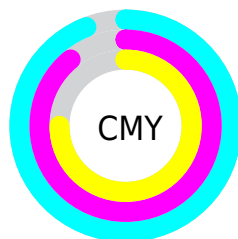
- Red (6%)
- Green (11%)
- Blue (25%)



- Red (6%)
- Yellow (10%)
- Blue (25%)



- Cyan (75%)
- Magenta (54%)
- Yellow (0%)
- Black (75%)



- Cyan (94%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.9890, 16.7674, -11.3914 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 28.9890, 16.7674, -11.3914 by changing the saturation by 10% instead.

■ 28.9890, 16.7674,
-11.3914

■ 28.9890, 16.7674,
-11.3914

■ 254.1030, 0.4422,
-1.8443

■ 5.8480, 17.3299,
-5.1287

■ 74.3530, 18.0670,
-8.2026

■ 2.7530, 8.0098,
-2.4144

■ 98.5810, 18.9406,
-8.4025

■ 0.0000, 0.0000,
0.0000

■ 123.1080, 19.6668,
-7.9877

■ 149.2220, 20.1036,
-8.0877

■ 176.3360, 20.5404,
-8.1877

■ 203.8630, 21.2665,

-7.7729

■ 229.5830, 12.5306,
-5.7733

■ 28.9890, 16.7674,
-11.3914

■ 28.9890, 16.7674,
-11.3914

■ 24.2600, 19.0988,
-12.5060

■ 33.7180, 14.4360,
-10.2767

■ 19.8190, 21.2882,
-14.7503

■ 38.1590, 12.2466,
-8.0324

■ 17.1610, 22.5986,
-15.0502

■ 42.8880, 9.9152,
-6.9178

■ 47.0300, 7.8732,
-5.2883

■ 52.0580, 5.3944,
-3.5589

■ 56.2000, 3.3524,
-1.9294

■ 60.9290, 1.0210,
-0.8147

■ 65.0710, -1.0210,
0.8147

■ 70.0990, -3.4998,
2.5442

Harmonies

Analogous

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



27.8410, 17.8264, -24.4166



28.9890, 16.7674, -11.3914



31.5250, 10.5872, 10.9406

Triad

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



28.9890, 16.7674, -11.3914



28.4840, -14.0426, 24.1315



24.9280, -0.9505, -21.8619

Complementary

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



28.9890, 16.7674, -11.3914



50.0110, -16.7674, 11.3914

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.



24.2360, -11.4553, -12.4850



28.9890, 16.7674, -11.3914



29.3040, -14.4469, 13.7654

Square

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



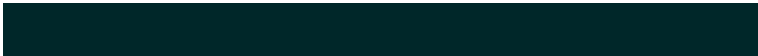
28.9890, 16.7674, -11.3914



28.8510, -3.8705, 28.1947



28.3410, -13.9721, 1.4549



27.5670, 6.6225, -24.1763

Rectangle

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



28.9890, 16.7674, -11.3914



30.4400, 6.1921, 20.6621



28.3410, -13.9721, 1.4549



24.2440, -3.5713, -21.2620

Sweetspot

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



28.9890, 16.7674, -11.3914



68.9870, 6.4154, -4.3736



47.4650, 1.2498, -27.5948



33.0150, 3.9366, -2.6442



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.



28.9890, 16.7674, -11.3914



28.1760, 26.5352, -17.6944



24.3480, 19.0554, 1.4488



28.3420, 1.3104, -0.2999



25.9780, 33.5348, -22.7827



61.1150, 79.3163, -53.5979

Inverse Universe

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



31.5350, -1.2498, 27.5948



32.4060, -2.1722, 43.4939



54.6520, -19.0554, -1.4488



28.8970, -0.4422, 1.8443



31.0700, -2.4995, 55.1896



73.3320, -6.0797, 130.3818

Previews

White Background



This preview shows how the YUV color 28.9890, 16.7674, -11.3914 looks on a white background.

Color Contrast Check

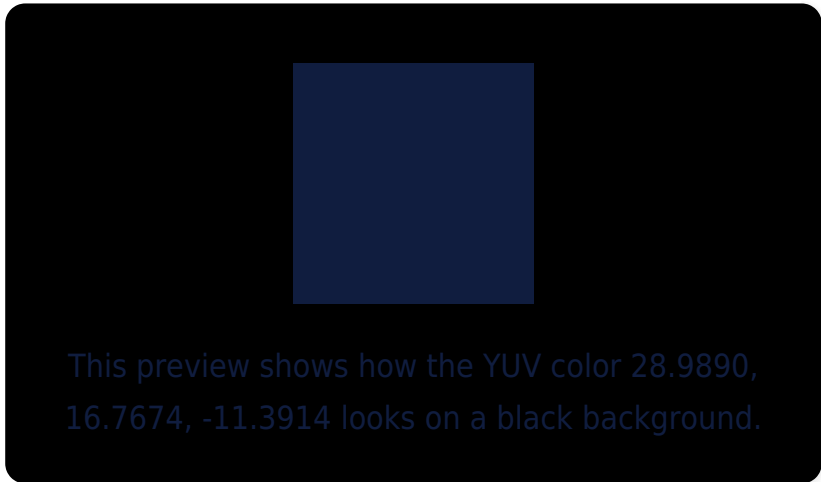
Large Text (above 18pt) WCAG AA ✓ Pass

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

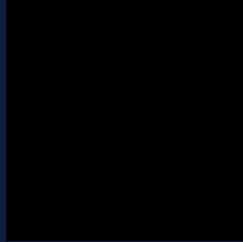
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.9890, 16.7674, -11.3914

Background



This preview shows how black text looks on a background with the YUV color 28.9890, 16.7674, -11.3914.



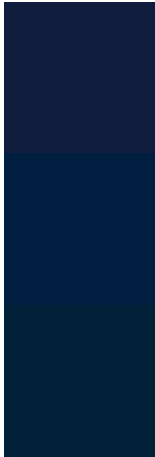
This preview shows how white text looks on a background with the YUV color 28.9890, 16.7674,

-11.3914.

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

28.9890, 16.7674, -11.3914

Protanopia

24.9060, 19.2733, -21.8426

Deuteranopia

25.0540, 14.7634, -21.9724



Tritanopia

24.7630, 6.0328, -21.7172

Trichromacy



Original Color

28.9890, 16.7674, -11.3914

Protanomaly

26.7000, 18.3889, -18.1539

Deuteranomaly

26.6030, 15.4787, -18.0688

Tritanomaly

26.4090, 9.6584, -17.8987

Monochromacy



Original Color

28.9890, 16.7674, -11.3914

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.8730, 5.9786, -4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.9890, 16.7674, -11.3914 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(16, 29, 63)` looks like.

```
.text, #text, p{  
  color:rgb(16, 29, 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(16, 29, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 29, 63) }
```

Border

The CSS property to change the border of an element to YUV 28.9890, 16.7674, -11.3914 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(16, 29, 63) }
```


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

```
.border{ border-color:rgb(16, 29, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 29, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 29, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 29, 63);  
box-shadow:4px 4px 4px 4px rgb(16, 29, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.9890, 16.7674, -11.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 29, 63) }
```

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

```
.background{ background-color: rgb(16, 29,  
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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