

Converting Colors

YUV(28.9680, -4.9142, -10.4959)

Have a look what the booklet for
YUV(28.9680, -4.9142, -10.4959)
contains.

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Color

**YUV(28.9680, -4.9142,
-10.4959)**

Conversions

Conversions Part 1

Format	Color
Hex	112513
RGB	17, 37, 19
RGB Percent	7%, 15%, 7%
CMY	0.9333, 0.8549, 0.9255
CMYK	0.54, 0.00, 0.49, 0.85
HSL	126°, 37%, 11%
HSV	126°, 54%, 15%
XYZ	1.0103, 1.4893, 0.8503
YIQ	28.9680, -6.1420, -9.8380

Conversions

Conversions Part 2

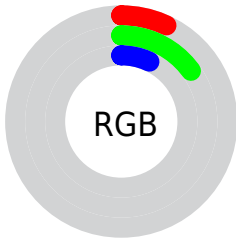
Format	Color
RYB	17, 35, 37
Decimal	1123603
CIELab	12.54, -13.08, 9.46
CIELCh	13, 16.143, 144.133
Yxy	1.4893, 0.3016, 0.4446
Android (android.graphics.Color)	4279313683 (0xFF112513)
YUV	28.9680, -4.9142, -10.4959
Hunter-Lab	12.2038, -6.5797, 4.4115

Details

The YUV color **28.9680, -4.9142, -10.4959** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **25.0320, 4.9142, 10.4959**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.0280, -5.9298, -11.4256**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.4300, -5.6350, -12.6551**, and if you desaturate by 10%, it is **30.5060, -4.1935, -8.3368**.

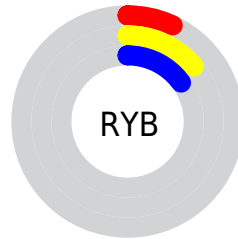
Distribution



Red (7%)

Green (15%)

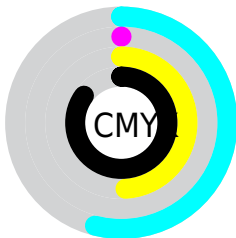
Blue (7%)



Red (7%)

Yellow (14%)

Blue (15%)

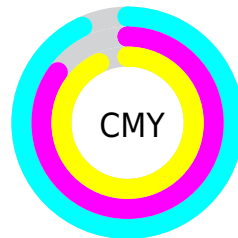


Cyan (54%)

Magenta (0%)

Yellow (49%)

Black (85%)



Cyan (93%)

Magenta (85%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.9680, -4.9142, -10.4959 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 28.9680, -4.9142, -10.4959 by changing the saturation by 10% instead.

■ 28.9680, -4.9142,
-10.4959

■ 28.9680, -4.9142,
-10.4959

■ 250.0440, -3.4727,
-6.1776

■ 9.3920, -4.6303,
-8.2368

■ 73.0280, -5.9298,
-11.4256

■ 0.0000, 0.0000,
0.0000

■ 96.9140, -6.3666,
-11.3256

■ 121.6150, -6.2192,
-11.9404

■ 148.0880, -6.9454,
-12.3552

■ 174.0880, -6.9454,
-12.3552

■ 201.6750, -7.2348,

-12.8700

■ 229.6750, -7.2348,
-12.8700

■ 28.9680, -4.9142,
-10.4959

■ 28.9680, -4.9142,
-10.4959

■ 27.4300, -5.6350,
-12.6551

■ 30.5060, -4.1935,
-8.3368

■ 26.0770, -6.9400,
-14.0995

■ 31.8590, -2.8885,
-6.8923

■ 24.5390, -7.6607,
-16.2587

■ 33.3970, -2.1677,
-4.7332

■ 23.0010, -8.3815,
-18.4179

■ 34.9350, -1.4470,
-2.5740

■ 22.1750, -8.9603,
-19.4475

■ 36.5870, -0.2894,
-0.5148

■ 37.8260, 0.5788,
1.0296

■ 39.3640, 1.2995,
3.1888

■ 41.0160, 2.4571,
5.2480

■ 42.2550, 3.3253,
6.7924

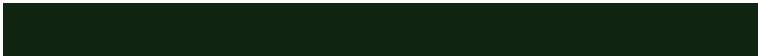
Harmonies

Analogous

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



30.8400, -10.7671, 0.1403



28.9680, -4.9142, -10.4959



25.7260, 2.1071, -22.5617

Triad

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



28.9680, -4.9142, -10.4959



28.6200, 13.0053, -18.0837



32.9700, -4.4222, 18.4433

Complementary

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



28.9680, -4.9142, -10.4959



25.0320, 4.9142, 10.4959

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.



33.6260, 0.6774, 16.1140



28.9680, -4.9142, -10.4959



33.2090, 9.7570, -2.8143

Square

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



28.9680, -4.9142, -10.4959



27.4190, 11.1324, -24.0465



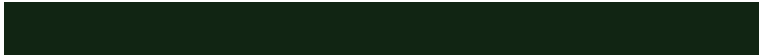
33.6620, 6.0826, 9.0664



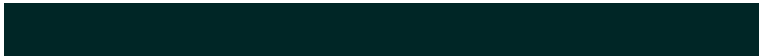
32.3950, -9.0687, 15.4396

Rectangle

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



28.9680, -4.9142, -10.4959



26.6380, 5.6015, -23.3615



33.6620, 6.0826, 9.0664



32.8390, -2.3856, 18.5582

Sweetspot

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



28.9680, -4.9142, -10.4959



45.1090, -2.0257, -3.6036



34.1220, -8.4411, 0.7700



23.9350, -1.4470, -2.5740



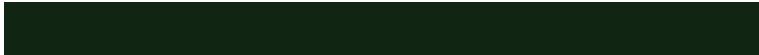
153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



28.9680, -4.9142, -10.4959



35.5390, -7.6607, -16.2587



30.1080, -0.5462, -11.4957



17.1740, -0.5788, -1.0296



49.0460, -20.2357, -43.0133



125.0770, -51.3100, -109.6925

Inverse Universe

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



25.0320, 4.9142, 10.4959



29.4610, 7.6607, 16.2587



23.8920, 0.5462, 11.4957



16.8260, 0.5788, 1.0296



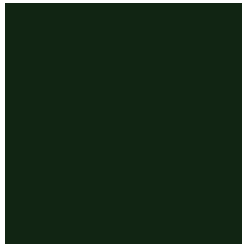
32.8400, 19.7989, 43.1133



83.9230, 51.3100, 109.6925

Previews

White Background



This preview shows how the YUV color 28.9680, -4.9142, -10.4959 looks on a white background.

Color Contrast Check

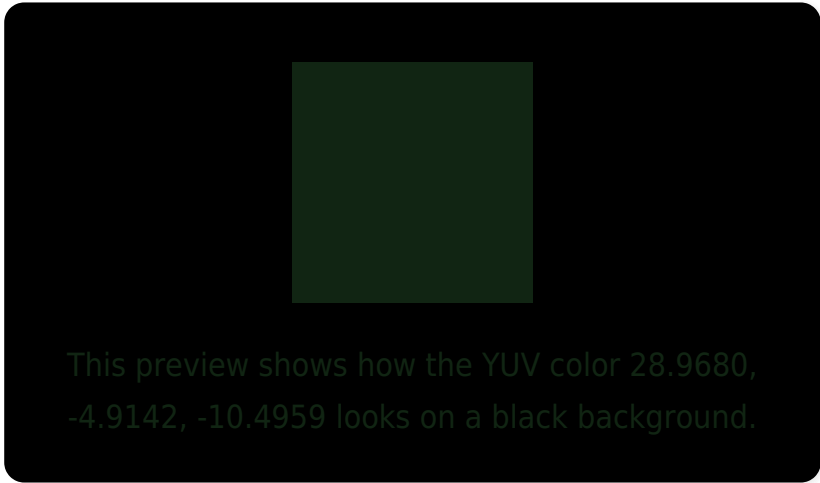
Large Text (above 18pt) WCAG AA ✓ Pass

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

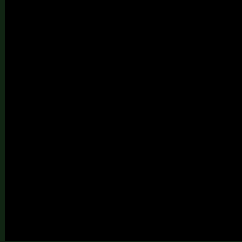
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 28.9680, -4.9142, -10.4959

Background



This preview shows how black text looks on a background with the YUV color 28.9680, -4.9142, -10.4959.



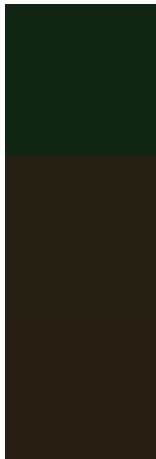
This preview shows how white text looks on a background with the YUV color 28.9680, -4.9142, -10.4959.

-10.4959.

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

28.9680, -4.9142, -10.4959

Protanopia

32.1870, -6.9942, 3.3440

Deuteranopia

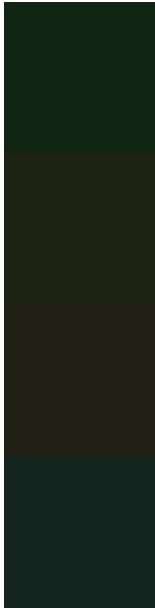
32.4370, -6.1314, 6.6328



Tritanopia

31.1560, 3.3741, -8.9068

Trichromacy



Original Color

28.9680, -4.9142, -10.4959

Protanomaly

30.6810, -6.2517, -1.4742

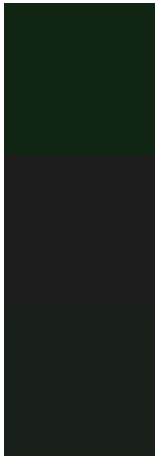
Deuteranomaly

31.2190, -5.5310, 0.6849

Tritanomaly

30.6460, 0.1745, -9.3365

Monochromacy



Original Color

28.9680, -4.9142, -10.4959

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.1090, -2.0257, -3.6036

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.9680, -4.9142, -10.4959 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(17, 37, 19)` looks like.

```
.text, #text, p{  
    color:rgb(17, 37, 19)  
}
```

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(17, 37, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 37, 19) }
```

Border

The CSS property to change the border of an element to YUV 28.9680, -4.9142, -10.4959 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(17, 37, 19) }
```


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

```
.border{ border-color:rgb(17, 37, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 37, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 37, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 37, 19);  
box-shadow:4px 4px 4px 4px rgb(17, 37, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.9680, -4.9142, -10.4959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 37, 19) }
```

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

```
.background{ background-color: rgb(17, 37,  
19) }
```

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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