

Converting Colors

YUV(34.8960, -2.4137, -19.2028)

Have a look what the booklet for
YUV(34.8960, -2.4137, -19.2028)
contains.

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Color

**YUV(34.8960, -2.4137,
-19.2028)**

Conversions

Conversions Part 1

Format	Color
Hex	0D2F1E
RGB	13, 47, 30
RGB Percent	5%, 18%, 12%
CMY	0.9490, 0.8157, 0.8824
CMYK	0.72, 0.00, 0.36, 0.82
HSL	150°, 57%, 12%
HSV	150°, 72%, 18%
XYZ	1.4168, 2.2123, 1.5806
YIQ	34.8960, -14.8070, -12.4950

Conversions

Conversions Part 2

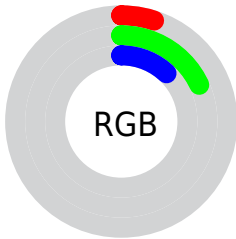
Format	Color
R_{YB}	13, 36, 47
Decimal	864030
CIE Lab	16.56, -17.31, 7.36
CIE LCh	17, 18.807, 156.974
Yxy	2.2123, 0.2720, 0.4246
Android (android.graphics.Color)	4279054110 (0xFF0D2F1E)
YUV	34.8960, -2.4137, -19.2028
Hunter-Lab	14.8739, -9.0261, 4.1110

Details

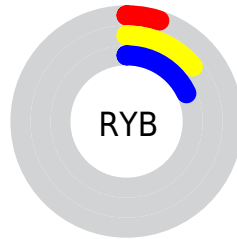
The YUV color **34.8960, -2.4137, -19.2028** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **25.1040, 2.4137, 19.2028**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.6680, -3.2873, -19.0028**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.1730, -2.5503, -22.0767**, and if you desaturate by 10%, it is **36.6190, -2.2772, -16.3289**.

Distribution



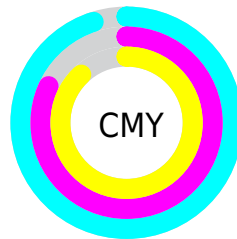
- Red (5%)
- Green (18%)
- Blue (12%)



- Red (5%)
- Yellow (14%)
- Blue (18%)



- Cyan (72%)
- Magenta (0%)
- Yellow (36%)
- Black (82%)



- Cyan (95%)
- Magenta (82%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.8960, -2.4137, -19.2028 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 34.8960, -2.4137, -19.2028 by changing the saturation by 10% instead.

■ 34.8960, -2.4137,
-19.2028

■ 34.8960, -2.4137,
-19.2028

■ 251.4120, 1.7689,
-7.3773

■ 16.4190, -5.6296,
-14.3995

■ 80.6680, -3.2873,
-19.0028

■ 0.0000, 0.0000,
0.0000

■ 105.2550, -3.5767,
-19.5176

■ 130.7280, -4.3029,
-19.9325

■ 156.4290, -4.1555,
-20.5472

■ 184.0160, -4.4449,
-21.0620

■ 211.6030, -4.7343,

-21.5768

■ 240.1900, -5.0237,
-22.0916

■ 34.8960, -2.4137,
-19.2028

■ 34.8960, -2.4137,
-19.2028

■ 33.1730, -2.5503,
-22.0767

■ 36.6190, -2.2772,
-16.3289

■ 31.6350, -3.2711,
-24.2359

■ 38.1570, -1.5564,
-14.1697

■ 30.3250, -3.1182,
-26.5950

■ 39.8800, -1.4198,
-11.2958

■ 41.6030, -1.2833,
-8.4218

■ 43.4400, -0.7099,
-5.6479

■ 44.8640, -0.4260,
-3.3887

■ 46.5870, -0.2894,
-0.5148

■ 48.4240, 0.2840,
2.2592

■ 49.8480, 0.5679,
4.5183

Harmonies

Analogous

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



38.1490, -9.4405, -5.3927



34.8960, -2.4137, -19.2028



33.1920, 5.3283, -29.1094

Triad

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



34.8960, -2.4137, -19.2028



38.8810, 13.8627, -13.0506



41.1830, -7.4852, 20.8875

Complementary

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



34.8960, -2.4137, -19.2028



25.1040, 2.4137, 19.2028

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.



41.6760, -1.8123, 21.3321



34.8960, -2.4137, -19.2028



41.9540, 9.8827, 3.5483

Square

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



34.8960, -2.4137, -19.2028



33.8250, 15.3693, -29.6645



42.0650, 4.8980, 15.7290



40.5860, -12.1209, 14.3951

Rectangle

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



34.8960, -2.4137, -19.2028



34.2180, 9.2595, -30.0092



42.0650, 4.8980, 15.7290



41.3510, -5.5960, 21.6172

Sweetspot

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



34.8960, -2.4137, -19.2028



56.3150, -1.1413, -7.2923



38.0410, -12.3452, -7.0520



28.1520, -0.5679, -4.5183



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



34.8960, -2.4137, -19.2028



42.1890, -3.5442, -29.9838



36.8340, 5.0118, -20.9024



22.2880, -0.1420, -1.1296



55.9710, -6.3947, -49.0866



137.8160, -15.1923, -120.8646

Inverse Universe

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



25.1040, 2.4137, 19.2028



26.9250, 3.9810, 29.8838



23.1660, -5.0118, 20.9024



21.7120, 0.1420, 1.1296



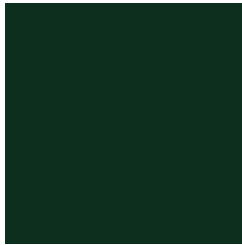
30.9150, 5.9579, 49.1865



76.1840, 15.1923, 120.8646

Previews

White Background



This preview shows how the YUV color 34.8960, -2.4137, -19.2028 looks on a white background.

Color Contrast Check

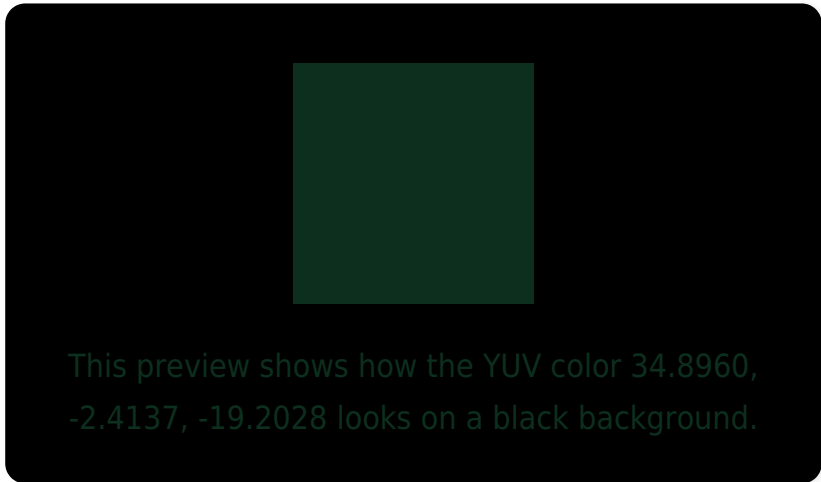
Large Text (above 18pt) WCAG AA ✓ Pass

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

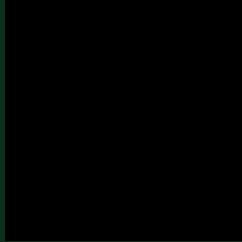
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.8960, -2.4137, -19.2028

Background



This preview shows how black text looks on a background with the YUV color 34.8960, -2.4137, -19.2028.



This preview shows how white text looks on a background with the YUV color 34.8960, -2.4137, -19.2028.

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

34.8960, -2.4137, -19.2028

Protanopia

40.7140, -6.2680, 3.7588

Deuteranopia

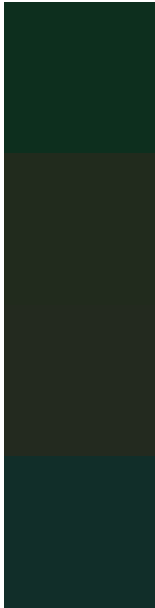
40.8930, -4.3842, 6.2328



Tritanopia

37.8670, 4.9956, -15.6694

Trichromacy



Original Color

34.8960, -2.4137, -19.2028

Protanomaly

38.4140, -4.6411, -4.7481

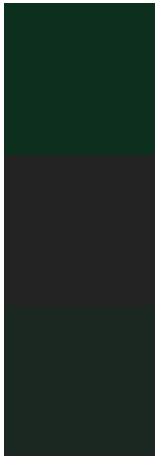
Deuteranomaly

38.6530, -3.7729, -3.2037

Tritanomaly

36.7590, 2.0908, -17.3286

Monochromacy



Original Color

34.8960, -2.4137, -19.2028

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.7280, -0.8519, -6.7775

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.8960, -2.4137, -19.2028 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(13, 47, 30)` looks like.

```
.text, #text, p{  
    color:rgb(13, 47, 30)  
}
```

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(13, 47, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 47, 30) }
```

Border

The CSS property to change the border of an element to YUV 34.8960, -2.4137, -19.2028 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(13, 47, 30) }
```


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

```
.border{ border-color:rgb(13, 47, 30) }
```

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

Here you see how a box with a 4 pixel rgb(13, 47, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 47, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 47, 30);  
box-shadow:4px 4px 4px 4px rgb(13, 47, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.8960, -2.4137, -19.2028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 47, 30) }
```

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

```
.background{ background-color: rgb(13, 47,  
30) }
```

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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