

Converting Colors

YUV(69.8960, 51.3233,
-34.9888)

Have a look what the booklet for
YUV(69.8960, 51.3233, -34.9888)
contains.

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Color

**YUV(69.8960, 51.3233,
-34.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	1E46AE
RGB	30, 70, 174
RGB Percent	12%, 27%, 68%
CMY	0.8824, 0.7255, 0.3176
CMYK	0.83, 0.60, 0.00, 0.32
HSL	223°, 71%, 40%
HSV	223°, 83%, 68%
XYZ	10.3656, 7.7123, 40.9867
YIQ	69.8960, -57.2240, 23.8640

Conversions

Conversions Part 2

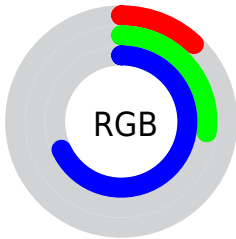
Format	Color
R_{YB}	30, 61, 174
Decimal	1984174
CIE Lab	33.38, 26.06, -59.28
CIE LCh	33, 64.750, 293.728
Yxy	7.7123, 0.1755, 0.1306
Android (android.graphics.Color)	4280174254 (0xFF1E46AE)
YUV	69.8960, 51.3233, -34.9888
Hunter-Lab	27.7711, 18.0258, -68.0650

Details

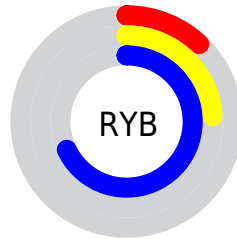
The YUV color **69.8960, 51.3233, -34.9888** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **134.1040, -51.3233, 34.9888**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.6850, 51.4273, -21.6487**, and **30.1160, 44.3128, -26.4117** is the 20% darker color. If you saturate the color by 10%, you get **57.1820, 57.5913, -38.7476**, and if you desaturate by 10%, it is **82.6100, 45.0553, -31.2300**.

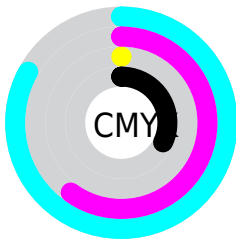
Distribution



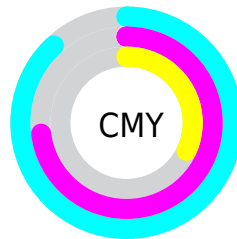
- Red (12%)
- Green (27%)
- Blue (68%)



- Red (12%)
- Yellow (24%)
- Blue (68%)



- Cyan (83%)
- Magenta (60%)
- Yellow (0%)
- Black (32%)



- Cyan (88%)
- Magenta (73%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.8960, 51.3233, -34.9888 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 69.8960, 51.3233, -34.9888 by changing the saturation by 10% instead.

■ 69.8960, 51.3233,
-34.9888

■ 69.8960, 51.3233,
-34.9888

■ 255.0000, 0.0000,
0.0000

■ 44.9340, 50.3185,
-39.4071

■ 125.6850, 51.4273,
-21.6487

■ 30.1160, 44.3128,
-26.4117

■ 152.1800, 50.6903,
-18.5749

■ 14.3520, 39.7595,
-12.5867

■ 176.7000, 38.6019,
-14.6459

■ 12.6760, 28.2607,
-11.1169

■ 201.5190, 26.3661,
-10.1022

■ 7.7060, 19.3719,
-6.7582

■ 226.9250, 13.8410,
-6.0732

■ 3.4370, 10.6306,
-3.0142

■ 252.3310, 1.3158,

■ 0.0000, 0.0000,

-2.0443

0.0000

■ 69.8960, 51.3233,
-34.9888

■ 69.8960, 51.3233,
-34.9888

■ 57.1820, 57.5913,
-38.7476

■ 82.6100, 45.0553,
-31.2300

■ 48.0120, 62.1121,
-42.1065

■ 95.0360, 38.9293,
-26.3416

■ 107.7500, 32.6613,
-22.5827

■ 120.1760, 26.5352,
-17.6944

■ 132.8900, 20.2672,
-13.9355

■ 145.0170, 14.2886,
-9.6619

■ 158.0300, 7.8732,
-5.2883

■ 170.7440, 1.6052,
-1.5295

■ 183.1700, -4.5208,
3.3589

Harmonies

Analogous

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



72.9910, 53.7414, -64.0131



69.8960, 51.3233, -34.9888



75.6520, 31.7236, 45.0322

Triad

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



69.8960, 51.3233, -34.9888



70.0470, -34.5332, 63.1028



65.0500, 0.4684, -57.0488

Complementary

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



69.8960, 51.3233, -34.9888



134.1040, -51.3233, 34.9888

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.



56.1070, -26.1818, -49.2058



69.8960, 51.3233, -34.9888



74.5450, -36.7507, 27.5860

Square

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



69.8960, 51.3233, -34.9888



53.4110, -6.1186, 96.1096



68.9980, -34.0160, -9.6452



71.6790, 23.3293, -62.8625

Rectangle

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



69.8960, 51.3233, -34.9888



58.1730, 25.0577, 83.1633



68.9980, -34.0160, -9.6452



62.8840, -7.8308, -55.1493

Sweetspot

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



69.8960, 51.3233, -34.9888



185.8900, 20.2672, -13.9355



126.2700, 3.3179, -84.4288



89.8600, 12.3940, -8.6472



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



69.8960, 51.3233, -34.9888



64.6310, 80.0479, -54.9274



55.6850, 58.3293, 4.6613



80.2000, 3.3524, -1.9294



41.7540, 53.3653, -36.6183



6.1440, 8.3100, -5.3883

Inverse Universe

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



77.6160, -3.7547, 84.5288



76.4570, -5.6483, 132.0262



148.3150, -58.3293, -4.6613



80.9190, -0.4531, 5.3330



49.6380, -3.7655, 88.0175



7.5610, -0.7696, 13.5400

Previews

White Background



This preview shows how the YUV color 69.8960, 51.3233, -34.9888 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



This preview shows how the YUV color 69.8960, 51.3233, -34.9888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

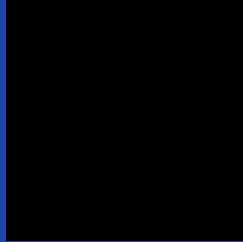
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.8960, 51.3233, -34.9888

Background



This preview shows how black text looks on a background with the YUV color 69.8960, 51.3233, -34.9888.



This preview shows how white text looks on a background with the YUV color 69.8960, 51.3233,

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

69.8960, 51.3233, -34.9888

Protanopia

62.2650, 48.1834, -54.6064

Deuteranopia

62.5780, 36.6900, -54.8809



Tritanopia

61.5570, 15.0084, -53.9855

Trichromacy



Original Color

69.8960, 51.3233, -34.9888

Protanomaly

64.9500, 49.3246, -47.3142

Deuteranomaly

65.0010, 41.9045, -47.3589

Tritanomaly

64.7440, 28.2272, -47.1335

Monochromacy



Original Color

69.8960, 51.3233, -34.9888

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8470, 18.8094, -13.0208

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.8960, 51.3233, -34.9888 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(30, 70, 174)` looks like.

```
.text, #text, p{  
    color:rgb(30, 70, 174)  
}
```

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(30, 70, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 70, 174) }
```

Border

The CSS property to change the border of an element to YUV 69.8960, 51.3233, -34.9888 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(30, 70, 174) }
```


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

```
.border{ border-color:rgb(30, 70, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 70, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 70, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 70, 174);  
box-shadow:4px 4px 4px 4px rgb(30, 70,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 69.8960, 51.3233, -34.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 70, 174) }
```

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

```
.background{ background-color: rgb(30, 70,  
174) }
```

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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