

Converting Colors

YUV(69.8860, -0.4368, 0.1000)

Have a look what the booklet for
YUV(69.8860, -0.4368, 0.1000)
contains.

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Color

**YUV(69.8860, -0.4368,
0.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	464645
RGB	70, 70, 69
RGB Percent	27%, 27%, 27%
CMY	0.7255, 0.7255, 0.7294
CMYK	0.00, 0.00, 0.01, 0.73
HSL	60°, 1%, 27%
HSV	60°, 1%, 27%
XYZ	5.7901, 6.1121, 6.5048
YIQ	69.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
RYB	69, 70, 69
Decimal	4605509
CIELab	29.69, -0.22, 0.60
CIELCh	30, 0.636, 110.010
Yxy	6.1121, 0.3146, 0.3321
Android (android.graphics.Color)	4282795589 (0xFF464645)
YUV	69.8860, -0.4368, 0.1000
Hunter-Lab	24.7226, -1.4593, 1.7060

Details

The YUV color **69.8860, -0.4368, 0.1000** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **69.1140, 0.4368, -0.1000**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.8860, -0.4368, 0.1000**, and **26.8860, -0.4368, 0.1000** is the 20% darker color. If you saturate the color by 10%, you get **69.0880, -3.4944, 0.7998**, and if you desaturate by 10%, it is **70.6840, 2.6208, -0.5999**.

Distribution



Red (27%)

Green (27%)

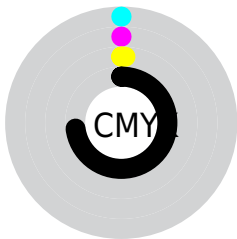
Blue (27%)



Red (27%)

Yellow (27%)

Blue (27%)



Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (73%)



Cyan (73%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.8860, -0.4368, 0.1000 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 69.8860, -0.4368, 0.1000 by changing the saturation by 10% instead.

■ 69.8860, -0.4368,
0.1000

■ 69.8860, -0.4368,
0.1000

■ 255.0000, 0.0000,
0.0000

■ 47.8860, -0.4368,
0.1000

■ 117.8860, -0.4368,
0.1000

■ 26.8860, -0.4368,
0.1000

■ 143.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 169.8860, -0.4368,
0.1000

■ 197.7720, -0.8736,
0.2000

■ 225.7720, -0.8736,
0.2000

■ 253.8860, -0.4368,

0.1000

■ 69.8860, -0.4368,
0.1000

■ 69.8860, -0.4368,
0.1000

■ 69.0880, -3.4944,
0.7998

■ 70.6840, 2.6208,
-0.5999

■ 68.2900, -6.5520,
1.4997

■ 71.4820, 5.6784,
-1.2997

■ 67.4920, -9.6096,
2.1995

■ 72.2800, 8.7360,
-1.9996

■ 66.6940, -12.6671,
2.8994

■ 73.0780, 11.7935,
-2.6994

■ 65.8960, -15.7247,
3.5992

■ 73.8760, 14.8511,
-3.3993

■ 65.0980, -18.7823,
4.2991

■ 74.6740, 17.9087,
-4.0991

■ 64.3000, -21.8399,
4.9989

■ 75.4720, 20.9663,
-4.7989

■ 63.5020, -24.8975,
5.6987

■ 76.2700, 24.0239,
-5.4988

■ 62.7040, -27.9551,
6.3986

■ 77.0680, 27.0815,
-6.1986

Harmonies

Analogous

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



70.1850, -0.5842, 0.7148



69.8860, -0.4368, 0.1000



69.5870, -0.2894, -0.5148

Triad

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



69.8860, -0.4368, 0.1000



69.8150, 0.5842, -0.7148



70.2990, -0.1474, 0.6148

Complementary

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



69.8860, -0.4368, 0.1000



69.1140, 0.4368, -0.1000

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.



70.1140, 0.4368, -0.1000



69.8860, -0.4368, 0.1000



69.8150, 0.5842, -0.7148

Square

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



69.8860, -0.4368, 0.1000



69.7010, 0.1474, -0.6148



70.1140, 0.4368, -0.1000



70.2990, -0.1474, 0.6148

Rectangle

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



69.8860, -0.4368, 0.1000



69.7010, 0.1474, -0.6148



70.1140, 0.4368, -0.1000



70.2990, -0.1474, 0.6148

Sweetspot

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



69.8860, -0.4368, 0.1000



92.0000, 0.0000, 0.0000



69.2990, -0.1474, 0.6148



46.0000, 0.0000, 0.0000



173.0000, 0.0000, 0.0000

Same Dimension

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



69.8860, -0.4368, 0.1000



91.7720, -0.8736, 0.2000



35.8860, -0.4368, 0.1000



87.7140, -43.2430, 9.8978



201.1220, -99.1531, 22.6950

Inverse Universe

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



69.1140, 0.4368, -0.1000



90.2280, 0.8736, -0.2000



69.4130, 0.2894, 0.5148



35.1140, 0.4368, -0.1000



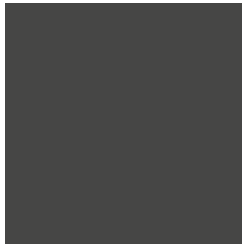
11.2860, 43.2430, -9.8978



25.8780, 99.1531, -22.6950

Previews

White Background



This preview shows how the YUV color 69.8860, -0.4368, 0.1000 looks on a white background.

Color Contrast Check

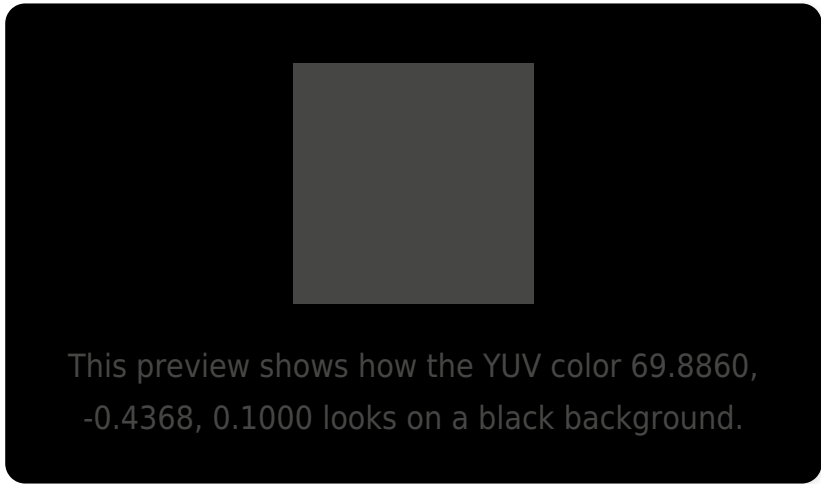
Large Text (above 18pt) WCAG AA ✓ Pass

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

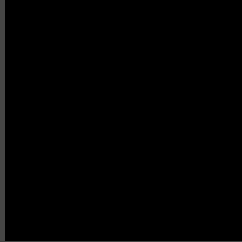
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.8860, -0.4368, 0.1000

Background



This preview shows how black text looks on a background with the YUV color 69.8860, -0.4368, 0.1000.



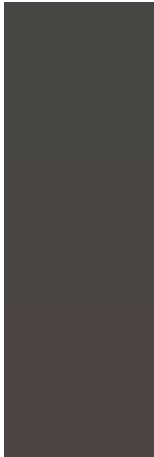
This preview shows how white text looks on a background with the YUV color 69.8860, -0.4368,

0.1000.

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

69.8860, -0.4368, 0.1000

Protanopia

70.1850, -0.5842, 0.7148

Deuteranopia

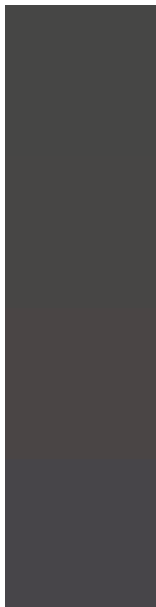
70.8050, -0.8899, 5.4330



Tritanopia

70.2820, 2.3260, 0.6297

Trichromacy



Original Color

69.8860, -0.4368, 0.1000

Protanomaly

70.1850, -0.5842, 0.7148

Deuteranomaly

70.4950, -0.7370, 3.0739

Tritanomaly

70.0540, 1.4524, 0.8296

Monochromacy



Original Color

69.8860, -0.4368, 0.1000

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.8860, -0.4368, 0.1000 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(70, 70, 69)` looks like.

```
.text, #text, p{  
    color:rgb(70, 70, 69)  
}
```

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(70, 70, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 70, 69) }
```

Border

The CSS property to change the border of an element to YUV 69.8860, -0.4368, 0.1000 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(70, 70, 69) }
```

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

```
.border{ border-color:rgb(70, 70, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 70, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 70, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 70, 69);  
box-shadow:4px 4px 4px 4px rgb(70, 70, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.8860, -0.4368, 0.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 70, 69) }
```

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

```
.background{ background-color: rgb(70, 70,  
69) }
```

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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