

Converting Colors

YUV(70.5360, 7.1308, -0.4701)

Have a look what the booklet for
YUV(70.5360, 7.1308, -0.4701)
contains.

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Color

**YUV(70.5360, 7.1308,
-0.4701)**

Conversions

Conversions Part 1

Format	Color
Hex	464455
RGB	70, 68, 85
RGB Percent	27%, 27%, 33%
CMY	0.7255, 0.7333, 0.6667
CMYK	0.18, 0.20, 0.00, 0.67
HSL	247°, 11%, 30%
HSV	247°, 20%, 33%
XYZ	6.2326, 6.0922, 9.4418
YIQ	70.5360, -4.2650, 5.7110

Conversions

Conversions Part 2

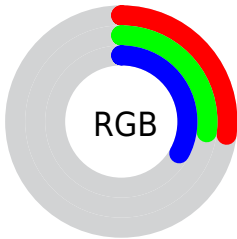
Format	Color
R_{YB}	70, 68, 85
Decimal	4605013
CIE Lab	29.64, 4.89, -9.83
CIE LCh	30, 10.975, 296.431
Yxy	6.0922, 0.2863, 0.2799
Android (android.graphics.Color)	4282795093 (0xFF464455)
YUV	70.5360, 7.1308, -0.4701
Hunter-Lab	24.6824, 1.8792, -5.4025

Details

The YUV color **70.5360, 7.1308, -0.4701** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **82.4640, -7.1308, 0.4701**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7640, 8.0043, -0.6700**, and **27.0090, 6.4046, -0.8849** is the 20% darker color. If you saturate the color by 10%, you get **63.1600, 10.7671, -0.1403**, and if you desaturate by 10%, it is **77.6240, 3.6364, 0.3298**.

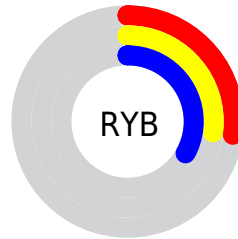
Distribution



Red (27%)

Green (27%)

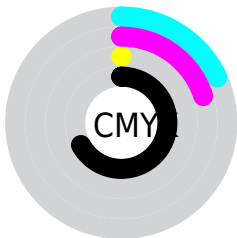
Blue (33%)



Red (27%)

Yellow (27%)

Blue (33%)

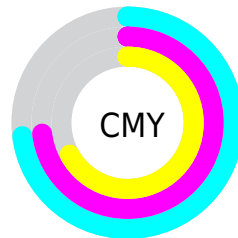


Cyan (18%)

Magenta (20%)

Yellow (0%)

Black (67%)



Cyan (73%)

Magenta (73%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5360, 7.1308, -0.4701 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 70.5360, 7.1308, -0.4701 by changing the saturation by 10% instead.

■ 70.5360, 7.1308,
-0.4701

■ 70.5360, 7.1308,
-0.4701

■ 255.0000, 0.0000,
0.0000

■ 48.1230, 6.8414,
-0.9849

■ 118.7640, 8.0043,
-0.6700

■ 27.0090, 6.4046,
-0.8849

■ 144.7640, 8.0043,
-0.6700

■ 2.2800, 8.7360,
-1.9996

■ 171.1770, 8.2937,
-0.1552

■ 0.0000, 0.0000,
0.0000

■ 198.2910, 8.7305,
-0.2552

■ 226.2910, 8.7305,
-0.2552

■ 253.2390, 0.8682,

1.5444

■ 70.5360, 7.1308,
-0.4701

■ 70.5360, 7.1308,
-0.4701

■ 63.1600, 10.7671,
-0.1403

■ 77.6240, 3.6364,
0.3298

■ 56.0720, 14.2615,
-0.9401

■ 85.0000, 0.0000,
0.0000

■ 48.6960, 17.8979,
-0.6104

■ 92.3760, -3.6364,
-0.3298

■ 41.6080, 21.3923,
-1.4102

■ 99.4640, -7.1308,
0.4701

■ 34.2320, 25.0286,
-1.0805

■ 106.2530,
-10.4777, 0.6551

■ 27.1440, 28.5230,
-1.8803

■ 113.9280,
-14.2615, 0.9401

■ 19.7680, 32.1594,
-1.5505

■ 120.7170,
-17.6085, 1.1252

■ 12.6800, 35.6538,
-2.3504

■ 128.3920,
-21.3923, 1.4102

■ 135.1810,
-24.7392, 1.5953

Harmonies

Analogous

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



69.2360, 8.7577, -8.9770



70.5360, 7.1308, -0.4701



71.0810, 3.9041, 7.8220

Triad

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



70.5360, 7.1308, -0.4701



70.2420, -7.0213, 12.0658



66.7270, 0.6276, -14.6696

Complementary

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



70.5360, 7.1308, -0.4701



82.4640, -7.1308, 0.4701

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.



67.9190, -3.9041, -7.8220



70.5360, 7.1308, -0.4701



69.5680, -8.1680, 6.5179

Square

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



70.5360, 7.1308, -0.4701



70.7630, -3.8272, 14.2398



68.8660, -6.8359, -0.7595



66.5570, 5.1484, -18.0285

Rectangle

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



70.5360, 7.1308, -0.4701



71.4190, 1.2724, 11.9105



68.8660, -6.8359, -0.7595



66.8090, -0.3988, -12.1105

Sweetspot

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



70.5360, 7.1308, -0.4701



104.0970, 2.9102, -0.0851



78.7430, 3.0847, -9.4216



52.7550, 1.5998, 0.2149



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



70.5360, 7.1308, -0.4701



86.9750, 11.3513, -0.8551



72.9280, 5.9515, 4.4481



39.7550, 1.5998, 0.2149



16.0850, 44.8211, -2.7055



35.1620, 98.5201, -6.2811

Inverse Universe

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



74.7930, 4.0461, 8.9515



93.8090, 6.5032, 14.1995



80.0720, -5.9515, -4.4481



40.6520, 1.1576, 2.0592



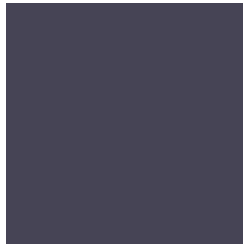
42.7090, 25.2865, 56.3832



93.8630, 55.7765, 123.7771

Previews

White Background



This preview shows how the YUV color 70.5360, 7.1308, -0.4701 looks on a white background.

Color Contrast Check

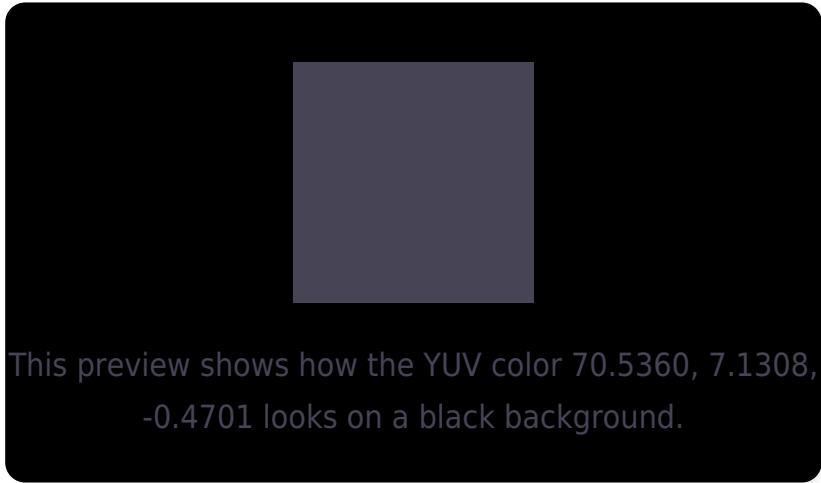
Large Text (above 18pt) WCAG AA ✓ Pass

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

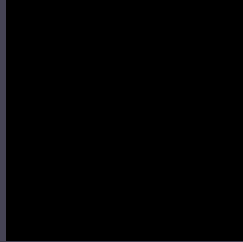
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.5360, 7.1308, -0.4701

Background



This preview shows how black text looks on a background with the YUV color 70.5360, 7.1308, -0.4701.



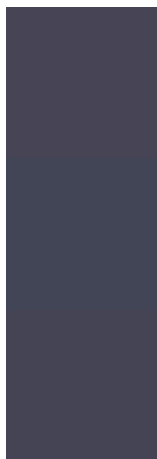
This preview shows how white text looks on a background with the YUV color 70.5360, 7.1308, -0.4701.

-0.4701.

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

70.5360, 7.1308, -0.4701

Protanopia

70.0410, 7.8678, -3.5440

Deuteranopia

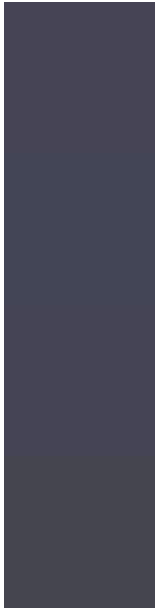
70.2370, 7.2782, -1.0848



Tritanopia

69.9720, 2.4788, -1.7294

Trichromacy



Original Color

70.5360, 7.1308, -0.4701

Protanomaly

70.3400, 7.7204, -2.9292

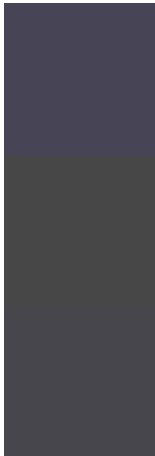
Deuteranomaly

70.2370, 7.2782, -1.0848

Tritanomaly

70.1400, 4.3680, -0.9998

Monochromacy



Original Color

70.5360, 7.1308, -0.4701

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9830, 2.4734, 0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5360, 7.1308, -0.4701 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, 68, 85)` looks like.

```
.text, #text, p{  
    color:rgb(70, 68, 85)  
}
```

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, 68, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 68, 85) }
```

Border

The CSS property to change the border of an element to YUV 70.5360, 7.1308, -0.4701 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, 68, 85) }
```


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

```
.border{ border-color:rgb(70, 68, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 68, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 68, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 68, 85);  
box-shadow:4px 4px 4px 4px rgb(70, 68, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.5360, 7.1308, -0.4701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 68, 85) }
```

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

```
.background{ background-color: rgb(70, 68,  
85) }
```

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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