

Converting Colors

YUV(70.4270, 9.1565, 3.1335)

Have a look what the booklet for
YUV(70.4270, 9.1565, 3.1335)
contains.

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Color

**YUV(70.4270, 9.1565,
3.1335)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4159
RGB	74, 65, 89
RGB Percent	29%, 25%, 35%
CMY	0.7098, 0.7451, 0.6510
CMYK	0.17, 0.27, 0.00, 0.65
HSL	262°, 16%, 30%
HSV	262°, 27%, 35%
XYZ	6.5175, 5.9577, 10.2576
YIQ	70.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

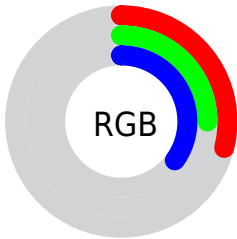
Format	Color
R_{YB}	74, 65, 89
Decimal	4866393
CIE Lab	29.31, 9.37, -12.89
CIE LCh	29, 15.937, 306.014
Yxy	5.9577, 0.2867, 0.2621
Android (android.graphics.Color)	4283056473 (0xFF4A4159)
YUV	70.4270, 9.1565, 3.1335
Hunter-Lab	24.4084, 4.9481, -7.8307

Details

The YUV color **70.4270, 9.1565, 3.1335** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **83.5730, -9.1565, -3.1335**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9540, 9.8827, 3.5483**, and **26.7860, 7.9935, 2.8187** is the 20% darker color. If you saturate the color by 10%, you get **63.3500, 12.6454, 4.0780**, and if you desaturate by 10%, it is **77.5040, 5.6675, 2.1890**.

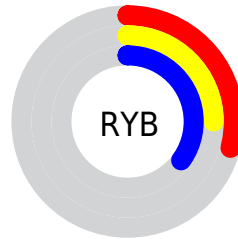
Distribution



Red (29%)

Green (25%)

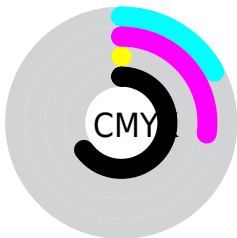
Blue (35%)



Red (29%)

Yellow (25%)

Blue (35%)

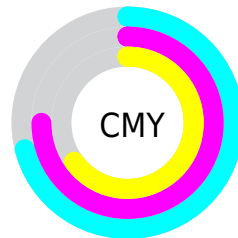


Cyan (17%)

Magenta (27%)

Yellow (0%)

Black (65%)



Cyan (71%)

Magenta (75%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.4270, 9.1565, 3.1335 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 70.4270, 9.1565, 3.1335 by changing the saturation by 10% instead.

■ 70.4270, 9.1565,
3.1335

■ 70.4270, 9.1565,
3.1335

■ 255.0000, 0.0000,
0.0000

■ 48.0140, 8.8671,
2.6187

■ 118.9540, 9.8827,
3.5483

■ 26.7860, 7.9935,
2.8187

■ 144.3670, 10.1721,
4.0631

■ 3.5190, 9.6041,
-0.4552

■ 171.4810, 10.6089,
3.9632

■ 0.0000, 0.0000,
0.0000

■ 198.4810, 10.6089,
3.9632

■ 226.5950, 11.0457,
3.8632

■ 250.8910, 2.0257,

3.6036

■ 70.4270, 9.1565,
3.1335

■ 70.4270, 9.1565,
3.1335

■ 63.3500, 12.6454,
4.0780

■ 77.5040, 5.6675,
2.1890

■ 56.5720, 15.9870,
5.6374

■ 84.2820, 2.3260,
0.6297

■ 49.4950, 19.4760,
6.5819

■ 91.3590, -1.1630,
-0.3148

■ 42.7170, 22.8175,
8.1412

■ 98.1370, -4.5045,
-1.8741

■ 35.6400, 26.3065,
9.0857

■ 105.2140, -7.9935,
-2.8187

■ 29.4490, 29.3586,
10.1302

■ 111.4050,
-11.0457, -3.8632

■ 22.3720, 32.8476,
11.0748

■ 118.4820,
-14.5346, -4.8077

■ 20.0130, 34.0106,
11.3896

■ 125.2600,
-17.8762, -6.3670

■ 132.3370,
-21.3651, -7.3115

Harmonies

Analogous

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



68.1480, 12.2520, -9.7768



70.4270, 9.1565, 3.1335



70.8260, 4.0298, 14.1846

Triad

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



70.4270, 9.1565, 3.1335



69.2270, -10.9579, 14.7099



62.8720, 4.0071, -25.3207

Complementary

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



70.4270, 9.1565, 3.1335



83.5730, -9.1565, -3.1335

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.



64.8040, -2.8614, -15.6141



70.4270, 9.1565, 3.1335



67.9440, -11.8044, 6.1881

Square

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



70.4270, 9.1565, 3.1335



69.8840, -7.3378, 20.2727



66.9750, -8.8617, -4.3631



62.1580, 10.2751, -29.0796

Rectangle

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



70.4270, 9.1565, 3.1335



70.8220, 0.0878, 18.5731



66.9750, -8.8617, -4.3631



63.6120, 1.6703, -22.4617

Sweetspot

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



70.4270, 9.1565, 3.1335



107.9230, 3.4890, 0.9445



76.5410, 6.1423, -10.1215



54.2820, 2.3260, 0.6297



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



70.4270, 9.1565, 3.1335



86.4040, 14.0978, 4.9077



74.0150, 7.3876, 10.5108



40.0540, 1.4524, 0.8296



24.1580, 40.8411, 13.8934



53.1020, 89.6757, 30.6055

Inverse Universe

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



73.8860, 3.0142, 13.2550



91.6850, 4.5923, 20.4473



79.9850, -7.3876, -10.5108



40.5380, 0.7208, 2.1592



39.6310, 13.4929, 59.0826



87.0230, 29.5687, 129.7758

Previews

White Background



This preview shows how the YUV color 70.4270, 9.1565, 3.1335 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 70.4270, 9.1565, 3.1335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

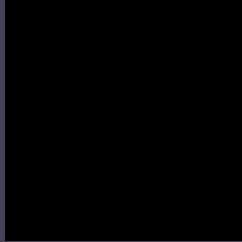
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.4270, 9.1565, 3.1335

Background



This preview shows how black text looks on a background with the YUV color 70.4270, 9.1565, 3.1335.



This preview shows how white text looks on a background with the YUV color 70.4270, 9.1565,

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

70.4270, 9.1565, 3.1335

Protanopia

69.1270, 10.7834, -5.3734

Deuteranopia

69.6820, 9.0308, -3.2291



Tritanopia

69.4670, 1.7418, 1.3444

Trichromacy



Original Color

70.4270, 9.1565, 3.1335

Protanomaly

69.6220, 10.0464, -2.2995

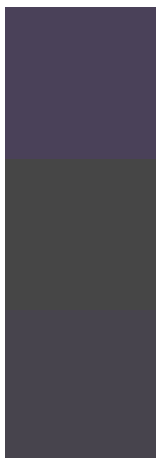
Deuteranomaly

69.9920, 8.8779, -0.8700

Tritanomaly

69.8630, 4.5045, 1.8741

Monochromacy



Original Color

70.4270, 9.1565, 3.1335

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9230, 3.4890, 0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.4270, 9.1565, 3.1335 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(74, 65, 89)` looks like.

```
.text, #text, p{  
  color:rgb(74, 65, 89)  
}
```

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(74, 65, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 65, 89) }
```

Border

The CSS property to change the border of an element to YUV 70.4270, 9.1565, 3.1335 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(74, 65, 89) }
```


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

```
.border{ border-color:rgb(74, 65, 89) }
```

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

Here you see how a box with a 4 pixel rgb(74, 65, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 65, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 65, 89);  
box-shadow:4px 4px 4px 4px rgb(74, 65, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.4270, 9.1565, 3.1335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 65, 89) }
```

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

```
.background{ background-color: rgb(74, 65,  
89) }
```

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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