

Converting Colors

YUV(68.0650, 1.4470, 2.5740)

Have a look what the booklet for
YUV(68.0650, 1.4470, 2.5740)
contains.

YUV(68.0650, 1.4470, 2.5740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(68.0650, 1.4470,
2.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	474247
RGB	71, 66, 71
RGB Percent	28%, 26%, 28%
CMY	0.7216, 0.7412, 0.7216
CMYK	0.00, 0.07, 0.00, 0.72
HSL	300°, 4%, 27%
HSV	300°, 7%, 28%
XYZ	5.6841, 5.6910, 6.7601
YIQ	68.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

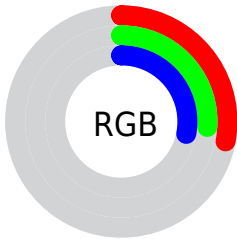
Format	Color
R_{YB}	71, 66, 71
Decimal	4670023
CIE Lab	28.62, 3.21, -2.27
CIE LCh	29, 3.925, 324.753
Yxy	5.6910, 0.3134, 0.3138
Android (android.graphics.Color)	4282860103 (0xFF474247)
YUV	68.0650, 1.4470, 2.5740
Hunter-Lab	23.8557, 0.7835, -0.1023

Details

The YUV color **68.0650, 1.4470, 2.5740** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **68.9350, -1.4470, -2.5740**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.0650, 1.4470, 2.5740**, and **25.0650, 1.4470, 2.5740** is the 20% darker color. If you saturate the color by 10%, you get **63.9560, 3.4727, 6.1776**, and if you desaturate by 10%, it is **72.1740, -0.5788, -1.0296**.

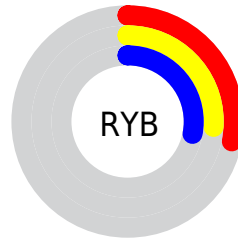
Distribution



Red (28%)

Green (26%)

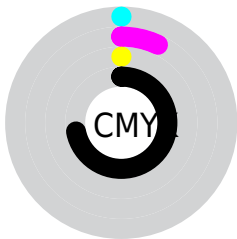
Blue (28%)



Red (28%)

Yellow (26%)

Blue (28%)

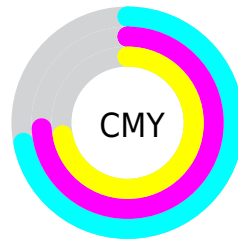


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (72%)



Cyan (72%)

Magenta (74%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.0650, 1.4470, 2.5740 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 68.0650, 1.4470, 2.5740 by changing the saturation by 10% instead.

■ 68.0650, 1.4470,
2.5740

■ 68.0650, 1.4470,
2.5740

■ 255.0000, 0.0000,
0.0000

■ 46.0650, 1.4470,
2.5740

■ 116.0650, 1.4470,
2.5740

■ 25.0650, 1.4470,
2.5740

■ 141.4780, 1.7363,
3.0888

■ 0.0000, 0.0000,
0.0000

■ 168.3640, 1.2995,
3.1888

■ 195.4780, 1.7363,
3.0888

■ 223.4780, 1.7363,
3.0888

■ 251.4780, 1.7363,

3.0888

■ 68.0650, 1.4470,
2.5740

■ 68.0650, 1.4470,
2.5740

■ 63.9560, 3.4727,
6.1776

■ 72.1740, -0.5788,
-1.0296

■ 59.8470, 5.4984,
9.7812

■ 76.2830, -2.6045,
-4.6332

■ 55.7380, 7.5242,
13.3848

■ 80.3920, -4.6303,
-8.2368

■ 51.6290, 9.5499,
16.9884

■ 84.5010, -6.6560,
-11.8404

■ 47.5200, 11.5756,
20.5920

■ 89.1970, -8.9711,
-15.9588

■ 42.8240, 13.8908,
24.7104

■ 93.3060, -10.9969,
-19.5624

■ 38.7150, 15.9165,
28.3139

■ 97.4150, -13.0226,
-23.1660

■ 34.6060, 17.9422,
31.9175

■ 101.5240,
-15.0483, -26.7695

■ 30.4970, 19.9680,
35.5211

■ 105.6330,
-17.0741, -30.3731

Harmonies

Analogous

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



67.6840, 2.6208, -0.5999



68.0650, 1.4470, 2.5740



68.3210, -0.1583, 4.1035

Triad

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



68.0650, 1.4470, 2.5740



67.6260, -2.7736, 2.9590



66.4230, 1.7635, -5.6330

Complementary

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



68.0650, 1.4470, 2.5740



68.9350, -1.4470, -2.5740

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.



66.3800, 0.3057, -4.7183



68.0650, 1.4470, 2.5740



67.0170, -2.4734, -0.0149

Square

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



68.0650, 1.4470, 2.5740



67.7510, -2.3422, 4.6034



66.9350, -1.4470, -2.5740



66.9500, 2.4896, -5.2182

Rectangle

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



68.0650, 1.4470, 2.5740



67.8050, -0.8899, 5.4330



66.9350, -1.4470, -2.5740



66.3090, 1.3267, -5.5330

Sweetspot

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



68.0650, 1.4470, 2.5740



90.8260, 0.5788, 1.0296



66.5700, 2.1840, -0.4999



45.4130, 0.2894, 0.5148



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



68.0650, 1.4470, 2.5740



87.3040, 2.3151, 4.1184



67.8370, 0.5734, 2.7740



33.6520, 1.1576, 2.0592



40.8870, 28.6497, 50.9651



93.7510, 65.6918, 116.8594

Inverse Universe

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



68.0650, 1.4470, 2.5740



87.3040, 2.3151, 4.1184



69.2770, -0.1366, -2.8739



33.6520, 1.1576, 2.0592



40.8870, 28.6497, 50.9651



93.7510, 65.6918, 116.8594

Previews

White Background



This preview shows how the YUV color 68.0650, 1.4470, 2.5740 looks on a white background.

Color Contrast Check

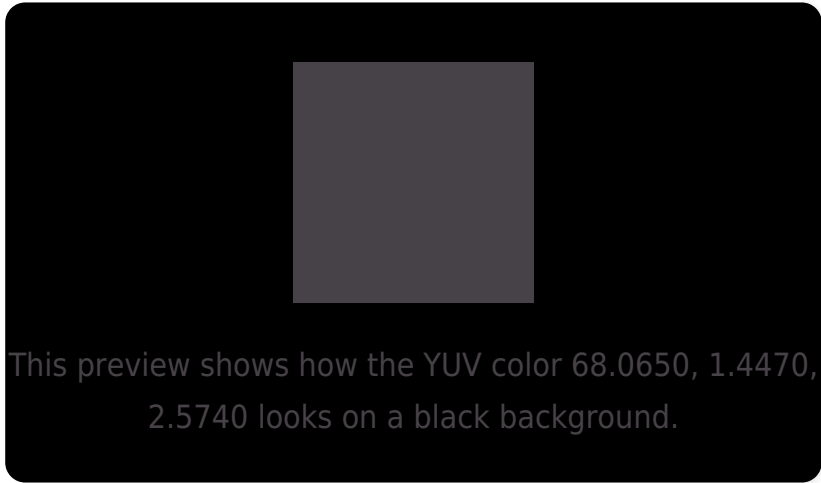
Large Text (above 18pt) WCAG AA ✓ Pass

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

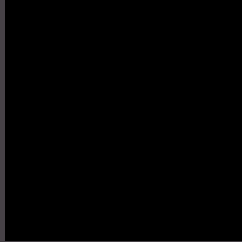
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.0650, 1.4470, 2.5740

Background



This preview shows how black text looks on a background with the YUV color 68.0650, 1.4470, 2.5740.



This preview shows how white text looks on a background with the YUV color 68.0650, 1.4470,

2.5740.

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

68.0650, 1.4470, 2.5740

Protanopia

67.5700, 2.1840, -0.4999

Deuteranopia

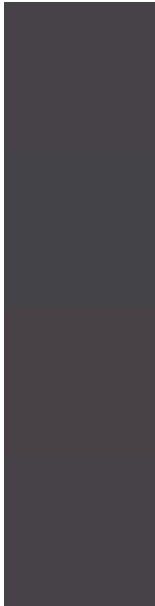
68.3640, 1.2995, 3.1888



Tritanopia

68.0650, 1.4470, 2.5740

Trichromacy



Original Color

68.0650, 1.4470, 2.5740

Protanomaly

67.8690, 2.0366, 0.1149

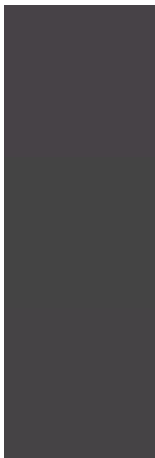
Deuteranomaly

68.3640, 1.2995, 3.1888

Tritanomaly

68.0650, 1.4470, 2.5740

Monochromacy



Original Color

68.0650, 1.4470, 2.5740

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8260, 0.5788, 1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.0650, 1.4470, 2.5740 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(71, 66, 71)` looks like.

```
.text, #text, p{  
    color:rgb(71, 66, 71)  
}
```

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(71, 66, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 66, 71) }
```

Border

The CSS property to change the border of an element to YUV 68.0650, 1.4470, 2.5740 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(71, 66, 71) }
```


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

```
.border{ border-color:rgb(71, 66, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 66, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 66, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 66, 71);  
box-shadow:4px 4px 4px 4px rgb(71, 66, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.0650, 1.4470, 2.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 66, 71) }
```

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

```
.background{ background-color: rgb(71, 66,  
71) }
```

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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