

# Converting Colors

YUV(70.2050, 5.8149, 1.5742)

Have a look what the booklet for  
YUV(70.2050, 5.8149, 1.5742)  
contains.

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# Color

**YUV(70.2050, 5.8149,  
1.5742)**

# Conversions

## Conversions Part 1

Format	Color
Hex	484352
RGB	72, 67, 82
RGB Percent	28%, 26%, 32%
CMY	0.7176, 0.7373, 0.6784
CMYK	0.12, 0.18, 0.00, 0.68
HSL	260°, 10%, 29%
HSV	260°, 18%, 32%
XYZ	6.2026, 6.0012, 8.8141
YIQ	70.2050, -1.8350, 5.7250

# Conversions

## Conversions Part 2

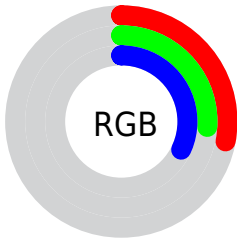
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 67, 82
Decimal	4735826
CIE Lab	29.42, 5.55, -8.21
CIE LCh	29, 9.911, 304.024
Yxy	6.0012, 0.2951, 0.2855
Android (android.graphics.Color)	4282925906 (0xFF484352)
YUV	70.2050, 5.8149, 1.5742
Hunter-Lab	24.4974, 2.3250, -4.1842

# Details

The YUV color **70.2050, 5.8149, 1.5742** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **78.7950, -5.8149, -1.5742**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.6180, 6.1043, 2.0890**, and **26.6780, 5.0887, 1.1594** is the 20% darker color. If you saturate the color by 10%, you get **64.0140, 8.8671, 2.6187**, and if you desaturate by 10%, it is **76.3960, 2.7628, 0.5297**.

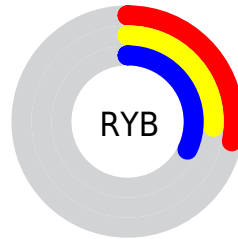
# Distribution



Red (28%)

Green (26%)

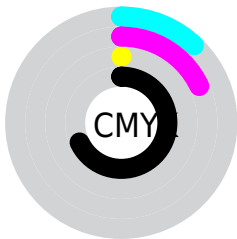
Blue (32%)



Red (28%)

Yellow (26%)

Blue (32%)

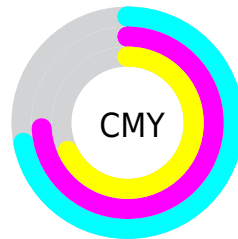


Cyan (12%)

Magenta (18%)

Yellow (0%)

Black (68%)



Cyan (72%)

Magenta (74%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 70.2050, 5.8149, 1.5742 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 70.2050, 5.8149, 1.5742 by changing the saturation by 10% instead.



■ 70.2050, 5.8149,  
1.5742

■ 70.2050, 5.8149,  
1.5742

■ 255.0000, 0.0000,  
0.0000

■ 47.7920, 5.5255,  
1.0594

■ 118.6180, 6.1043,  
2.0890

■ 26.6780, 5.0887,  
1.1594

■ 143.7320, 6.5411,  
1.9890

■ 1.8240, 6.9888,  
-1.5996

■ 170.7320, 6.5411,  
1.9890

■ 0.0000, 0.0000,  
0.0000

■ 197.8460, 6.9779,  
1.8891

■ 225.8460, 6.9779,  
1.8891

■ 252.0650, 1.4470,

2.5740

■ 70.2050, 5.8149,  
1.5742

■ 70.2050, 5.8149,  
1.5742

■ 64.0140, 8.8671,  
2.6187

■ 76.3960, 2.7628,  
0.5297

■ 57.5240, 12.0667,  
3.0485

■ 82.8860, -0.4368,  
0.1000

■ 50.7460, 15.4082,  
4.6078

■ 89.6640, -3.7784,  
-1.4593

■ 44.2560, 18.6078,  
5.0375

■ 96.1540, -6.9779,  
-1.8891

■ 38.0650, 21.6600,  
6.0820

■ 102.3450,  
-10.0301, -2.9336

■ 31.5750, 24.8595,  
6.5117

■ 108.8350,  
-13.2297, -3.3633

■ 25.3840, 27.9117,  
7.5562

■ 115.0260,  
-16.2818, -4.4078

■ 18.3070, 31.4006,  
8.5008

■ 122.1030,  
-19.7708, -5.3523

■ 17.4210, 31.8374,  
8.4008

■ 128.2940,  
-22.8229, -6.3968

# Harmonies

## Analogous

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



69.2040, 7.2944, -6.3179



70.2050, 5.8149, 1.5742



70.7390, 2.5937, 8.1219

# Triad

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



70.2050, 5.8149, 1.5742



69.9320, -6.8685, 9.7066



66.6670, 1.6432, -13.7400

# Complementary

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



70.2050, 5.8149, 1.5742



78.7950, -5.8149, -1.5742

# 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.



66.9620, -2.4463, -8.7367



70.2050, 5.8149, 1.5742



68.7850, -7.2890, 4.5736

# Square

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



70.2050, 5.8149, 1.5742



70.5240, -4.6953, 12.6955



67.7950, -5.8149, -1.5742



66.3940, 5.7218, -15.2545



# Rectangle

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



70.2050, 5.8149, 1.5742



70.7780, 0.1094, 11.5957



67.7950, -5.8149, -1.5742



66.6240, 0.1854, -12.8252

# Sweetspot

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



70.2050, 5.8149, 1.5742



103.1680, 1.8892, 0.7297



74.5800, 3.6581, -6.6477



50.7550, 1.5998, 0.2149



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000



# Same Dimension

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



70.2050, 5.8149, 1.5742



88.7150, 9.0145, 2.0039



72.5970, 4.6357, 6.4924



37.7550, 1.5998, 0.2149



22.4350, 40.7045, 11.0195



49.4710, 89.9868, 24.1429



# Inverse Universe

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



72.6250, 2.1569, 8.2219



92.5870, 3.1616, 12.6402



76.4030, -4.6357, -6.4924



38.4240, 0.2840, 2.2592



39.3750, 15.0981, 57.5531

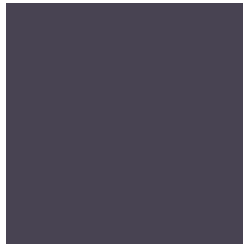


87.0380, 33.5053, 127.1317



# Previews

## White Background



This preview shows how the YUV color 70.2050, 5.8149, 1.5742 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

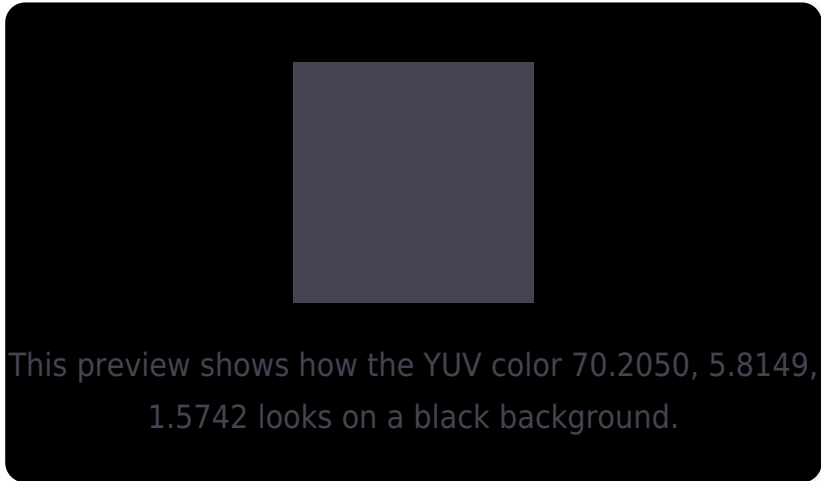
Any Text WCAG AA ✓ Pass

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

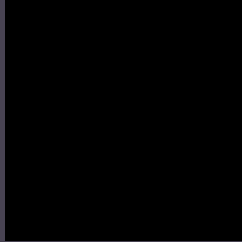
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 70.2050, 5.8149, 1.5742

## Background



This preview shows how black text looks on a background with the YUV color 70.2050, 5.8149, 1.5742.



This preview shows how white text looks on a background with the YUV color 70.2050, 5.8149,



# 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

70.2050, 5.8149, 1.5742

### Protanopia

69.6990, 6.5574, -3.2440

### Deuteranopia

70.1940, 5.8204, -0.1701



## Tritanopia

69.5810, 2.1786, 1.2445

# Trichromacy



## Original Color

70.2050, 5.8149, 1.5742

## Protanomaly

69.7100, 6.5520, -1.4997

## Deuteranomaly

70.4930, 5.6730, 0.4446

## Tritanomaly

69.9230, 3.4890, 0.9445

# Monochromacy



## Original Color

70.2050, 5.8149, 1.5742

## Achromatopsia

70.0000, 0.0000, 0.0000

## Achromatomaly

70.1680, 1.8892, 0.7297

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 70.2050, 5.8149, 1.5742 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(72, 67, 82)` looks like.

```
.text, #text, p{  
    color:rgb(72, 67, 82)  
}
```

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(72, 67, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 67, 82) }
```

## Border

The CSS property to change the border of an element to YUV 70.2050, 5.8149, 1.5742 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(72, 67, 82) }
```



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

```
.border{ border-color:rgb(72, 67, 82) }
```

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

Here you see how a box with a 4 pixel rgb(72, 67, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 67, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 67, 82);  
box-shadow:4px 4px 4px 4px rgb(72, 67, 82)  
}
```

# Background

The CSS property to change the background color of an element to YUV 70.2050, 5.8149, 1.5742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 67, 82) }
```

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

```
.background{ background-color: rgb(72, 67,  
82) }
```

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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