

Converting Colors

YUV(72.2340, -1.5944, -1.9592)

Have a look what the booklet for
YUV(72.2340, -1.5944, -1.9592)
contains.

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Color

**YUV(72.2340, -1.5944,
-1.9592)**

Conversions

Conversions Part 1

Format	Color
Hex	464A45
RGB	70, 74, 69
RGB Percent	27%, 29%, 27%
CMY	0.7255, 0.7098, 0.7294
CMYK	0.05, 0.00, 0.07, 0.71
HSL	108°, 3%, 28%
HSV	108°, 7%, 29%
XYZ	6.0487, 6.6293, 6.5910
YIQ	72.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

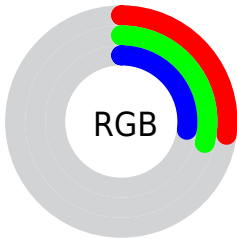
Format	Color
RYB	69, 74, 73
Decimal	4606533
CIELab	30.95, -2.74, 2.42
CIELCh	31, 3.651, 138.567
Yxy	6.6293, 0.3139, 0.3440
Android (android.graphics.Color)	4282796613 (0xFF464A45)
YUV	72.2340, -1.5944, -1.9592
Hunter-Lab	25.7475, -3.1238, 2.8458

Details

The YUV color **72.2340, -1.5944, -1.9592** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **70.7660, 1.5944, 1.9592**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.8210, -1.8838, -2.4740**, and **28.6470, -1.3050, -1.4444** is the 20% darker color. If you saturate the color by 10%, you get **69.6420, -3.7675, -4.9480**, and if you desaturate by 10%, it is **74.8260, 0.5788, 1.0296**.

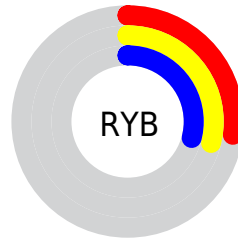
Distribution



Red (27%)

Green (29%)

Blue (27%)



Red (27%)

Yellow (29%)

Blue (29%)

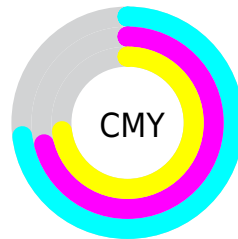


Cyan (5%)

Magenta (0%)

Yellow (7%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2340, -1.5944, -1.9592 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 72.2340, -1.5944, -1.9592 by changing the saturation by 10% instead.

■ 72.2340, -1.5944,
-1.9592

■ 72.2340, -1.5944,
-1.9592

255.0000, 0.0000,
0.0000

■ 49.6470, -1.3050,
-1.4444

■ 120.8210, -1.8838,
-2.4740

■ 28.6470, -1.3050,
-1.4444

■ 146.2340, -1.5944,
-1.9592

■ 2.9350, -1.4470,
-2.5740

■ 172.8210, -1.8838,
-2.4740

■ 0.0000, 0.0000,
0.0000

■ 200.1200, -2.0312,
-1.8592

■ 228.1200, -2.0312,
-1.8592

254.4730, -0.7262,

-0.4148

■ 72.2340, -1.5944,
-1.9592

■ 72.2340, -1.5944,
-1.9592

■ 69.6420, -3.7675,
-4.9480

■ 74.8260, 0.5788,
1.0296

■ 66.9360, -6.3774,
-7.8369

■ 77.5320, 3.1887,
3.9184

■ 64.3440, -8.5506,
-10.8257

■ 80.1240, 5.3619,
6.9073

■ 61.6380, -11.1605,
-13.7145

■ 82.8300, 7.9718,
9.7961

■ 59.0460, -13.3337,
-16.7033

■ 85.4220, 10.1450,
12.7849

■ 56.4540, -15.5068,
-19.6922

■ 88.0140, 12.3181,
15.7737

■ 54.0470, -18.2642,
-21.9662

■ 90.4210, 15.0754,
18.0478

■ 51.4550, -20.4373,
-24.9550

■ 93.0130, 17.2486,
21.0366

■ 48.7490, -23.0473,
-27.8439

■ 95.7190, 19.8585,
23.9254

Harmonies

Analogous

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



72.3160, -2.6208, 0.5999



72.2340, -1.5944, -1.9592



71.6790, 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.



72.2340, -1.5944, -1.9592



72.3740, 2.7736, -2.9590



73.3920, -1.1793, 4.9182

Complementary

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



72.2340, -1.5944, -1.9592



70.7660, 1.5944, 1.9592

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.



73.4350, 0.2785, 4.0035



72.2340, -1.5944, -1.9592



72.6840, 2.6208, -0.5999

Square

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



72.2340, -1.5944, -1.9592



71.9500, 2.4896, -5.2182



73.7660, 1.5944, 1.9592



73.1640, -2.0529, 5.1182

Rectangle

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



72.2340, -1.5944, -1.9592



72.1950, 0.8899, -5.4330



73.7660, 1.5944, 1.9592



73.5060, -0.7425, 4.8182

Sweetspot

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



72.2340, -1.5944, -1.9592



96.1740, -0.5788, -1.0296



72.8430, -1.8946, 1.0147



47.8860, -0.4368, 0.1000



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



72.2340, -1.5944, -1.9592



94.2940, -2.6099, -2.8888



72.0490, -1.0102, -2.6740



36.6470, -1.3050, -1.4444



65.8540, -32.4660, -40.2140



148.7640, -73.3407, -90.1240

Inverse Universe

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



70.7660, 1.5944, 1.9592



91.7060, 2.6099, 2.8888



70.9510, 1.0102, 2.6740



35.3530, 1.3050, 1.4444



36.1460, 32.4660, 40.2140



81.2360, 73.3407, 90.1240

Previews

White Background



This preview shows how the YUV color 72.2340, -1.5944, -1.9592 looks on a white background.

Color Contrast Check

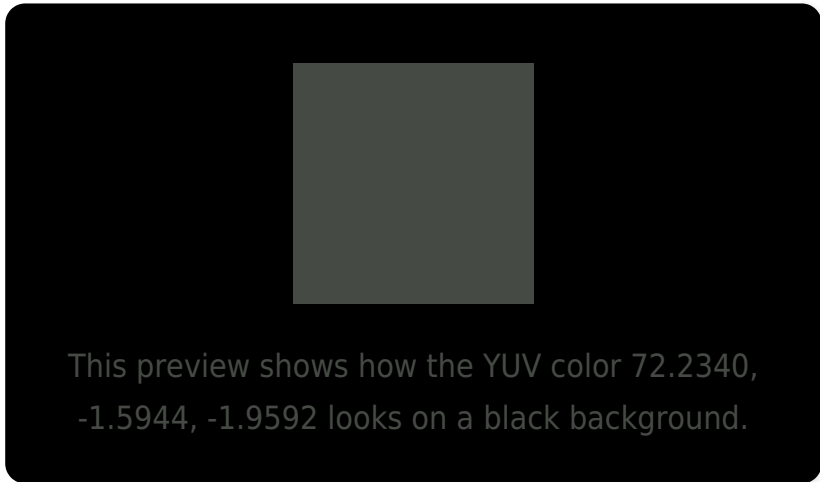
Large Text (above 18pt) WCAG AA ✓ Pass

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

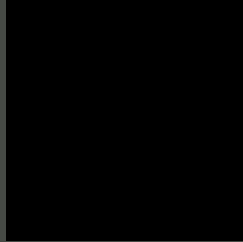
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

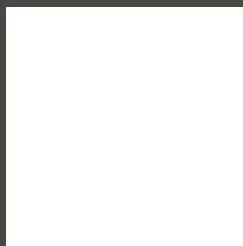
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 72.2340, -1.5944, -1.9592

Background



This preview shows how black text looks on a background with the YUV color 72.2340, -1.5944, -1.9592.



This preview shows how white text looks on a background with the YUV color 72.2340, -1.5944,

-1.9592.

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

72.2340, -1.5944, -1.9592

Protanopia

72.4410, -2.1894, 2.2442

Deuteranopia

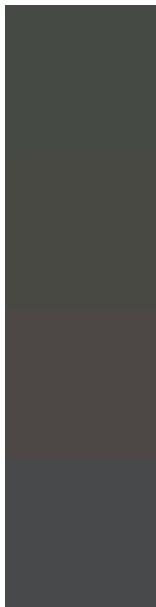
73.2890, -1.6215, 6.7625



Tritanopia

72.9720, 2.4788, -1.7294

Trichromacy



Original Color

72.2340, -1.5944, -1.9592

Protanomaly

72.4300, -2.1840, 0.4999

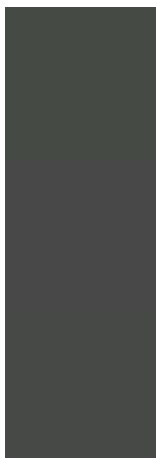
Deuteranomaly

72.6800, -1.3212, 3.7886

Tritanomaly

72.6300, 1.1684, -1.4295

Monochromacy



Original Color

72.2340, -1.5944, -1.9592

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1740, -0.5788, -1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2340, -1.5944, -1.9592 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, 74, 69)` looks like.

```
.text, #text, p{  
    color:rgb(70, 74, 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, 74, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 74, 69) }
```

Border

The CSS property to change the border of an element to YUV 72.2340, -1.5944, -1.9592 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, 74, 69) }
```


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

```
.border{ border-color:rgb(70, 74, 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, 74, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 74, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 74, 69);  
box-shadow:4px 4px 4px 4px rgb(70, 74, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.2340, -1.5944, -1.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 74, 69) }
```

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

```
.background{ background-color: rgb(70, 74,  
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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