

Converting Colors

YUV(72.2600, 2.3368, -2.8590)

Have a look what the booklet for
YUV(72.2600, 2.3368, -2.8590)
contains.

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Color

**YUV(72.2600, 2.3368,
-2.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	45494D
RGB	69, 73, 77
RGB Percent	27%, 29%, 30%
CMY	0.7294, 0.7137, 0.6980
CMYK	0.10, 0.05, 0.00, 0.70
HSL	210°, 5%, 29%
HSV	210°, 10%, 30%
XYZ	6.1763, 6.5661, 7.9630
YIQ	72.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

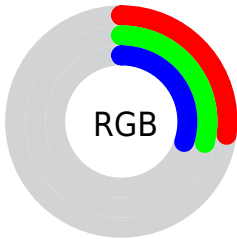
Format	Color
RYB	69, 72, 77
Decimal	4540749
CIELab	30.80, -0.70, -2.95
CIELCh	31, 3.033, 256.696
Yxy	6.5661, 0.2983, 0.3171
Android (android.graphics.Color)	4282730829 (0xFF45494D)
YUV	72.2600, 2.3368, -2.8590
Hunter-Lab	25.6244, -1.8183, -0.4878

Details

The YUV color **72.2600, 2.3368, -2.8590** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **73.7400, -2.3368, 2.8590**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9610, 2.4842, -3.4738**, and **29.1460, 1.9000, -2.7590** is the 20% darker color. If you saturate the color by 10%, you get **67.5200, 4.6736, -5.7180**, and if you desaturate by 10%, it is **77.0000, 0.0000, 0.0000**.

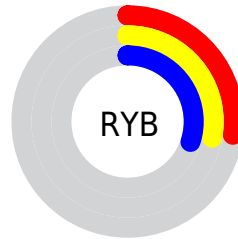
Distribution



Red (27%)

Green (29%)

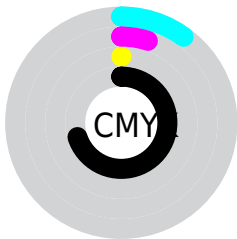
Blue (30%)



Red (27%)

Yellow (28%)

Blue (30%)

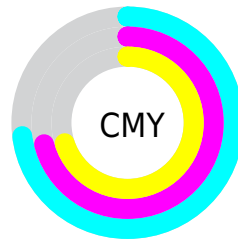


Cyan (10%)

Magenta (5%)

Yellow (0%)

Black (70%)



Cyan (73%)

Magenta (71%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.2600, 2.3368, -2.8590 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 72.2600, 2.3368, -2.8590 by changing the saturation by 10% instead.

■ 72.2600, 2.3368,
-2.8590

■ 72.2600, 2.3368,
-2.8590

255.0000, 0.0000,
0.0000

■ 50.1460, 1.9000,
-2.7590

■ 120.9610, 2.4842,
-3.4738

■ 29.1460, 1.9000,
-2.7590

■ 146.3740, 2.7736,
-2.9590

■ 3.4880, 3.2104,
-3.0590

■ 172.9610, 2.4842,
-3.4738

■ 0.0000, 0.0000,
0.0000

■ 200.0750, 2.9210,
-3.5738

■ 228.0750, 2.9210,
-3.5738

254.4020, 0.2948,

-1.2296

■ 72.2600, 2.3368,
-2.8590

■ 72.2600, 2.3368,
-2.8590

■ 67.5200, 4.6736,
-5.7180

■ 77.0000, 0.0000,
0.0000

■ 63.0790, 6.8631,
-7.9623

■ 81.4410, -2.1894,
2.2442

■ 58.3390, 9.1999,
-10.8213

■ 86.1810, -4.5262,
5.1033

■ 54.1860, 11.2473,
-14.1951

■ 90.3340, -6.5737,
8.4771

■ 49.4460, 13.5841,
-17.0541

■ 94.7750, -8.7631,
10.7213

■ 45.0050, 15.7735,
-19.2984

■ 99.5150, -11.0999,
13.5803

■ 40.2650, 18.1104,
-22.1574

■ 104.2550,
-13.4367, 16.4394

■ 35.5250, 20.4472,
-25.0164

■ 108.9950,
-15.7735, 19.2984

■ 31.6710, 22.3472,
-27.7755

■ 113.4360,
-17.9629, 21.5426

Harmonies

Analogous

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



72.1350, 1.9054, -4.5034



72.2600, 2.3368, -2.8590



72.5700, 2.1840, -0.4999

Triad

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



72.2600, 2.3368, -2.8590



73.0930, -1.0318, 4.3034



71.6470, -1.3050, -1.4444

Complementary

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



72.2600, 2.3368, -2.8590



73.7400, -2.3368, 2.8590

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.



72.4300, -2.1840, 0.4999



72.2600, 2.3368, -2.8590



72.5660, -1.7580, 3.8886

Square

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



72.2600, 2.3368, -2.8590



73.1360, 0.4260, 3.3887



72.7400, -2.3368, 2.8590



71.8640, -0.4260, -3.3887

Rectangle

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



72.2600, 2.3368, -2.8590



73.0540, 1.4524, 0.8296



72.7400, -2.3368, 2.8590



71.9460, -1.4524, -0.8296

Sweetspot

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



72.2600, 2.3368, -2.8590



97.5160, 0.7316, -1.3295



74.1520, -0.5679, -4.5183



49.8150, 0.5842, -0.7148



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



72.2600, 2.3368, -2.8590



92.1890, 3.3578, -3.6738



69.9120, 3.4944, -0.7998



35.6300, 1.1684, -1.4295



41.5650, 29.7945, -36.4525



93.7250, 67.1836, -82.1968

Inverse Universe

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



71.8480, 0.5679, 4.5183



91.8590, 0.5625, 6.2627



76.0880, -3.4944, 0.7998



35.4240, 0.2840, 2.2592



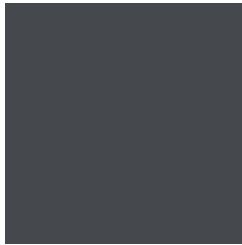
36.3120, 7.2412, 57.6084



81.8800, 16.3282, 129.9012

Previews

White Background



This preview shows how the YUV color 72.2600, 2.3368, -2.8590 looks on a white background.

Color Contrast Check

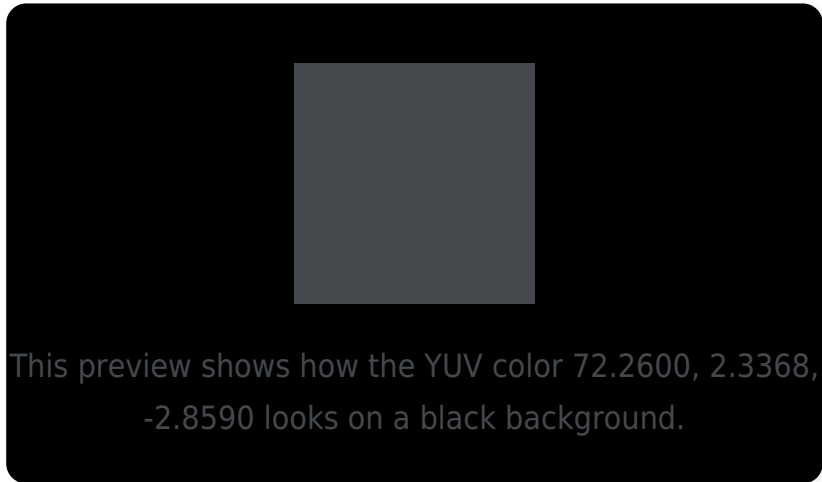
Large Text (above 18pt) WCAG AA ✓ Pass

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

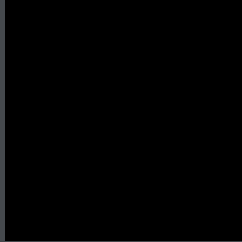
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

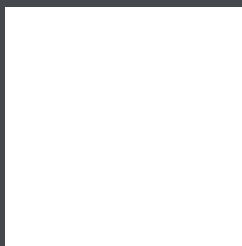
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 72.2600, 2.3368, -2.8590

Background



This preview shows how black text looks on a background with the YUV color 72.2600, 2.3368, -2.8590.



This preview shows how white text looks on a background with the YUV color 72.2600, 2.3368, -2.8590.

-2.8590.

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

72.2600, 2.3368, -2.8590

Protanopia

72.7550, 1.5998, 0.2149

Deuteranopia

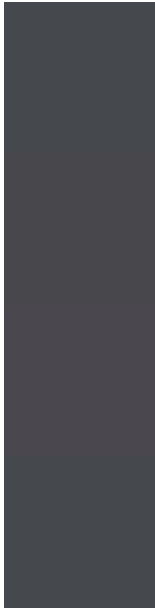
73.0050, 2.4625, 3.5036



Tritanopia

72.4880, 3.2104, -3.0590

Trichromacy



Original Color

72.2600, 2.3368, -2.8590

Protanomaly

72.4560, 1.7472, -0.3999

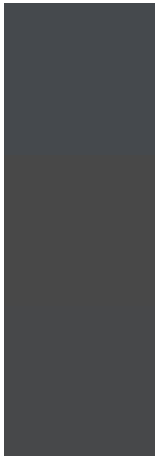
Deuteranomaly

72.6950, 2.6154, 1.1445

Tritanomaly

72.3740, 2.7736, -2.9590

Monochromacy



Original Color

72.2600, 2.3368, -2.8590

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.9290, 1.0210, -0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2600, 2.3368, -2.8590 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(69, 73, 77)` looks like.

```
.text, #text, p{  
    color:rgb(69, 73, 77)  
}
```

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(69, 73, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 73, 77) }
```

Border

The CSS property to change the border of an element to YUV 72.2600, 2.3368, -2.8590 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(69, 73, 77) }
```


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

```
.border{ border-color:rgb(69, 73, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 73, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 73, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 73, 77);  
box-shadow:4px 4px 4px 4px rgb(69, 73, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.2600, 2.3368, -2.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 73, 77) }
```

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

```
.background{ background-color: rgb(69, 73,  
77) }
```

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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