

Converting Colors

YUV(71.2630, 11.2093, -1.9847)

Have a look what the booklet for
YUV(71.2630, 11.2093, -1.9847)
contains.

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Color

**YUV(71.2630, 11.2093,
-1.9847)**

Conversions

Conversions Part 1

Format	Color
Hex	45445E
RGB	69, 68, 94
RGB Percent	27%, 27%, 37%
CMY	0.7294, 0.7333, 0.6314
CMYK	0.27, 0.28, 0.00, 0.63
HSL	242°, 16%, 32%
HSV	242°, 28%, 37%
XYZ	6.5417, 6.2076, 11.4431
YIQ	71.2630, -7.7500, 8.2980

Conversions

Conversions Part 2

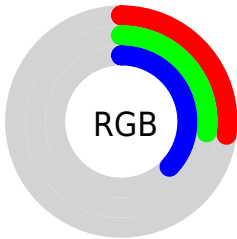
Format	Color
R_{YB}	69, 68, 94
Decimal	4539486
CIE _{Lab}	29.93, 6.93, -15.19
CIE _{LCh}	30, 16.698, 294.523
Yxy	6.2076, 0.2704, 0.2566
Android (android.graphics.Color)	4282729566 (0xFF45445E)
YUV	71.2630, 11.2093, -1.9847
Hunter-Lab	24.9151, 3.2659, -9.7904

Details

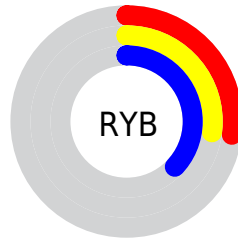
The YUV color **71.2630, 11.2093, -1.9847** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **90.7370, -11.2093, 1.9847**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.7900, 11.9355, -1.5698**, and **27.6220, 10.0464, -2.2995** is the 20% darker color. If you saturate the color by 10%, you get **63.2890, 15.1405, -2.8845**, and if you desaturate by 10%, it is **79.2370, 7.2782, -1.0848**.

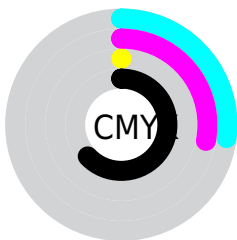
Distribution



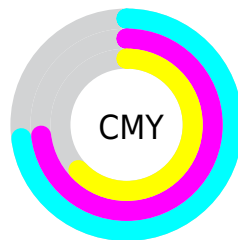
- Red (27%)
- Green (27%)
- Blue (37%)



- Red (27%)
- Yellow (27%)
- Blue (37%)



- Cyan (27%)
- Magenta (28%)
- Yellow (0%)
- Black (63%)



- Cyan (73%)
- Magenta (73%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2630, 11.2093, -1.9847 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 71.2630, 11.2093, -1.9847 by changing the saturation by 10% instead.

■ 71.2630, 11.2093,
-1.9847

■ 71.2630, 11.2093,
-1.9847

■ 255.0000, 0.0000,
0.0000

■ 48.7360, 10.4832,
-2.3995

■ 119.7900, 11.9355,
-1.5698

■ 27.6220, 10.0464,
-2.2995

■ 145.9040, 12.3723,
-1.6698

■ 3.0780, 11.7935,
-2.6994

■ 172.0180, 12.8091,
-1.7698

■ 0.0000, 0.0000,
0.0000

■ 199.4310, 13.0985,
-1.2550

■ 227.5450, 13.5353,
-1.3550

■ 252.9400, 1.0156,

0.9296

■ 71.2630, 11.2093,
-1.9847

■ 71.2630, 11.2093,
-1.9847

■ 63.2890, 15.1405,
-2.8845

■ 79.2370, 7.2782,
-1.0848

■ 54.7280, 19.3611,
-3.2695

■ 87.7980, 3.0576,
-0.6998

■ 46.7540, 23.2923,
-4.1693

■ 95.7720, -0.8736,
0.2000

■ 38.1930, 27.5129,
-4.5543

■ 104.3330, -5.0942,
0.5850

■ 30.2190, 31.4440,
-5.4541

■ 112.3070, -9.0254,
1.4848

■ 22.2450, 35.3752,
-6.3539

■ 120.2810,
-12.9565, 2.3846

■ 13.6840, 39.5958,
-6.7389

■ 128.8420,
-17.1771, 2.7696

■ 11.9120, 40.4694,
-6.9388

■ 136.8160,
-21.1083, 3.6694

■ 145.3770,
-25.3289, 4.0544

Harmonies

Analogous

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



68.1580, 13.7261, -15.9246



71.2630, 11.2093, -1.9847



72.7870, 6.5140, 10.7108

Triad

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



71.2630, 11.2093, -1.9847



70.7760, -10.2426, 18.6134



64.6120, 1.6703, -22.4617

Complementary

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



71.2630, 11.2093, -1.9847



90.7370, -11.2093, 1.9847

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.



67.0280, -5.9298, -11.4256



71.2630, 11.2093, -1.9847



70.1510, -12.3994, 10.3916

Square

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



71.2630, 11.2093, -1.9847



71.3510, -5.5960, 21.6172



68.5410, -10.6197, -0.4745



62.8050, 8.9701, -30.5240

Rectangle

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



71.2630, 11.2093, -1.9847



72.7940, 2.5666, 16.8437



68.5410, -10.6197, -0.4745



65.2380, -1.1033, -19.5027

Sweetspot

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



71.2630, 11.2093, -1.9847



114.0260, 3.9312, -0.8998



85.6390, 4.1220, -15.4694



55.6840, 2.6208, -0.5999



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



71.2630, 11.2093, -1.9847



87.1580, 17.1771, -2.7696



75.1500, 9.2930, 6.0074



41.5700, 2.1840, -0.4999



13.7360, 47.4582, -8.5385



29.7090, 102.1945, -18.1618

Inverse Universe

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



78.6240, 7.0874, 13.4848



98.4060, 11.1388, 20.6919



86.8500, -9.2930, -6.0074



43.0650, 1.4470, 2.5740



44.8600, 29.6490, 57.1278



96.8550, 64.6545, 122.9072

Previews

White Background



This preview shows how the YUV color 71.2630, 11.2093, -1.9847 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 71.2630, 11.2093, -1.9847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

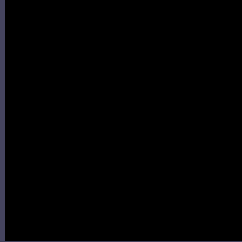
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.2630, 11.2093, -1.9847

Background



This preview shows how black text looks on a background with the YUV color 71.2630, 11.2093, -1.9847.



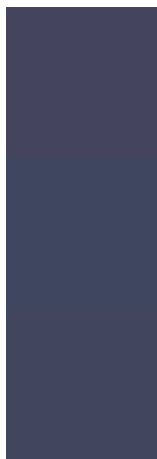
This preview shows how white text looks on a background with the YUV color 71.2630, 11.2093,

-1.9847.

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

71.2630, 11.2093, -1.9847

Protanopia

70.7570, 11.9518, -6.8029

Deuteranopia

70.6540, 11.5096, -4.9586



Tritanopia

70.1890, 3.3578, -3.6738

Trichromacy



Original Color

71.2630, 11.2093, -1.9847

Protanomaly

70.7680, 11.9464, -5.0585

Deuteranomaly

70.9530, 11.3622, -4.3438

Tritanomaly

70.5850, 6.1206, -3.1440

Monochromacy



Original Color

71.2630, 11.2093, -1.9847

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0260, 3.9312, -0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2630, 11.2093, -1.9847 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, 68, 94)` looks like.

```
.text, #text, p{  
    color:rgb(69, 68, 94)  
}
```

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, 68, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 68, 94) }
```

Border

The CSS property to change the border of an element to YUV 71.2630, 11.2093, -1.9847 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, 68, 94) }
```


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

```
.border{ border-color:rgb(69, 68, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 68, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 68, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 68, 94);  
box-shadow:4px 4px 4px 4px rgb(69, 68, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.2630, 11.2093, -1.9847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 68, 94) }
```

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

```
.background{ background-color: rgb(69, 68,  
94) }
```

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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