

Converting Colors

YUV(71.7080, 12.9620, -4.1289)

Have a look what the booklet for
YUV(71.7080, 12.9620, -4.1289)
contains.

YUV(71.7080, 12.9620, -4.1289)	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(71.7080, 12.9620,
-4.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	434562
RGB	67, 69, 98
RGB Percent	26%, 27%, 38%
CMY	0.7373, 0.7294, 0.6157
CMYK	0.32, 0.30, 0.00, 0.62
HSL	236°, 19%, 32%
HSV	236°, 32%, 38%
XYZ	6.6475, 6.3314, 12.4270
YIQ	71.7080, -10.5010, 8.5950

Conversions

Conversions Part 2

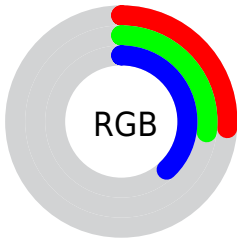
Format	Color
R_{YB}	67, 69, 98
Decimal	4408674
CIE Lab	30.23, 6.72, -17.30
CIE LCh	30, 18.560, 291.232
Yxy	6.3314, 0.2617, 0.2492
Android (android.graphics.Color)	4282598754 (0xFF434562)
YUV	71.7080, 12.9620, -4.1289
Hunter-Lab	25.1622, 3.1230, -11.6683

Details

The YUV color **71.7080, 12.9620, -4.1289** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **93.2920, -12.9620, 4.1289**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.3490, 14.1249, -3.8141**, and **27.6540, 11.5096, -4.9586** is the 20% darker color. If you saturate the color by 10%, you get **63.4350, 17.0405, -5.6435**, and if you desaturate by 10%, it is **79.9810, 8.8834, -2.6143**.

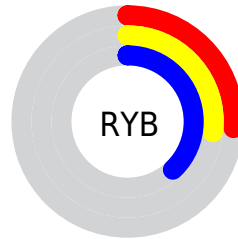
Distribution



Red (26%)

Green (27%)

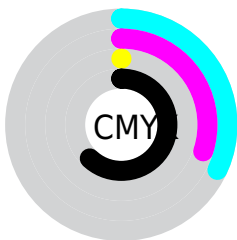
Blue (38%)



Red (26%)

Yellow (27%)

Blue (38%)

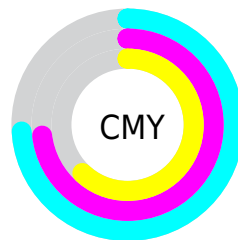


Cyan (32%)

Magenta (30%)

Yellow (0%)

Black (62%)



Cyan (74%)

Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.7080, 12.9620, -4.1289 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 71.7080, 12.9620, -4.1289 by changing the saturation by 10% instead.

■ 71.7080, 12.9620,
-4.1289

■ 71.7080, 12.9620,
-4.1289

■ 255.0000, 0.0000,
0.0000

■ 49.1810, 12.2358,
-4.5437

■ 120.3490, 14.1249,
-3.8141

■ 27.6540, 11.5096,
-4.9586

■ 146.4630, 14.5617,
-3.9141

■ 3.5340, 13.5407,
-3.0993

■ 172.5770, 14.9985,
-4.0140

■ 0.1140, 0.4368,
-0.1000

■ 199.9900, 15.2879,
-3.4992

■ 0.0000, 0.0000,
0.0000

■ 227.5340, 13.5407,
-3.0993

■ 253.2280, 0.8736,

-0.2000

■ 71.7080, 12.9620,
-4.1289

■ 71.7080, 12.9620,
-4.1289

■ 63.4350, 17.0405,
-5.6435

■ 79.9810, 8.8834,
-2.6143

■ 55.1620, 21.1191,
-7.1581

■ 88.2540, 4.8048,
-1.0998

■ 46.6010, 25.3397,
-7.5431

■ 96.8150, 0.5842,
-0.7148

■ 38.3280, 29.4183,
-9.0577

■ 105.0880, -3.4944,
0.7998

■ 30.0550, 33.4969,
-10.5722

■ 113.3610, -7.5730,
2.3144

■ 21.7820, 37.5755,
-12.0868

■ 121.6340,
-11.6516, 3.8290

■ 14.6940, 41.0699,
-12.8866

■ 129.9070,
-15.7302, 5.3436

■ 137.8810,
-19.6613, 6.2434

■ 146.7410,
-24.0293, 7.2431

Harmonies

Analogous

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



67.8800, 15.3422, -20.9428



71.7080, 12.9620, -4.1289



73.1290, 7.8244, 10.4109

Triad

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



71.7080, 12.9620, -4.1289



71.5590, -11.1216, 20.5578



64.6610, 0.6601, -25.1357

Complementary

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



71.7080, 12.9620, -4.1289



93.2920, -12.9620, 4.1289

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.



67.3870, -7.0928, -11.7404



71.7080, 12.9620, -4.1289



70.8200, -13.7153, 12.4359

Square

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



71.7080, 12.9620, -4.1289



72.6610, -5.7489, 23.9763



68.7970, -12.2249, 1.0550



61.8860, 9.4232, -35.8570

Rectangle

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



71.7080, 12.9620, -4.1289



73.1470, 3.8715, 18.2881



68.7970, -12.2249, 1.0550



65.2980, -2.1189, -20.4323

Sweetspot

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



71.7080, 12.9620, -4.1289



117.9550, 4.9522, -1.7145



88.5030, 3.6960, -18.8581



57.7980, 3.0576, -0.6998



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



71.7080, 12.9620, -4.1289



86.3470, 20.5349, -6.4433



74.4210, 11.6244, 4.8928



44.4560, 1.7472, -0.3999



16.8770, 46.8956, -14.8011



36.1650, 100.4907, -31.7167

Inverse Universe

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



76.4970, -3.6960, 18.8581



93.9930, -5.9125, 29.8241



90.5790, -11.6244, -4.8928



45.1960, -0.5896, 2.4591



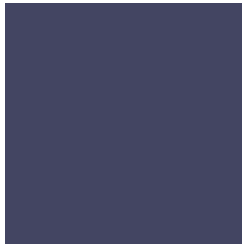
34.2860, -13.4520, 68.1552



73.4700, -28.8257, 146.0468

Previews

White Background



This preview shows how the YUV color 71.7080, 12.9620, -4.1289 looks on a white background.

Color Contrast Check

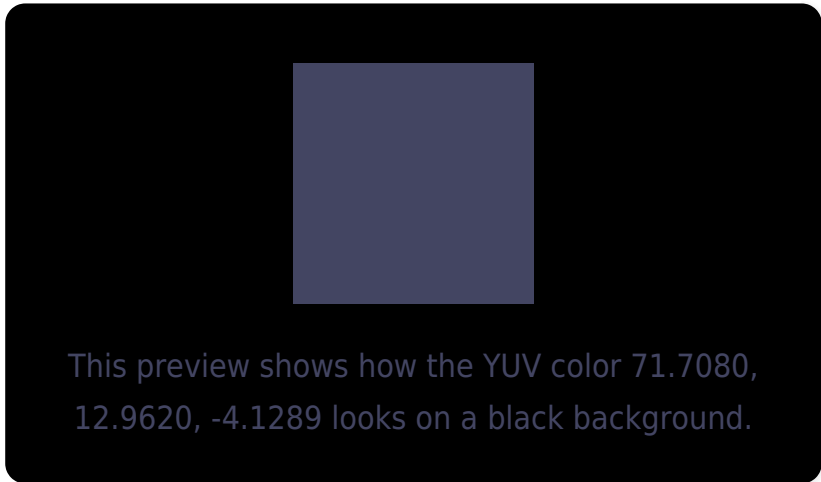
Large Text (above 18pt) WCAG AA ✓ Pass

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

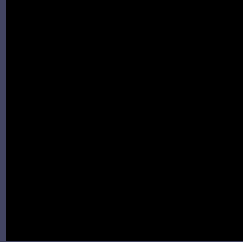
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.7080, 12.9620, -4.1289

Background



This preview shows how black text looks on a background with the YUV color 71.7080, 12.9620, -4.1289.



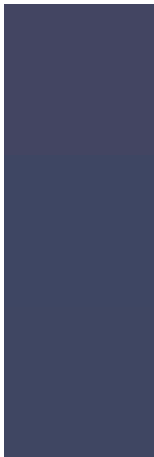
This preview shows how white text looks on a background with the YUV color 71.7080, 12.9620,

-4.1289.

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

71.7080, 12.9620, -4.1289

Protanopia

70.9140, 13.8464, -7.8176

Deuteranopia

71.0990, 13.2622, -7.1028



Tritanopia

70.6940, 4.0949, -6.7476

Trichromacy



Original Color

71.7080, 12.9620, -4.1289

Protanomaly

71.5120, 13.5516, -6.5880

Deuteranomaly

71.3980, 13.1148, -6.4880

Tritanomaly

71.2040, 7.2944, -6.3179

Monochromacy



Original Color

71.7080, 12.9620, -4.1289

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8410, 4.5154, -1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.7080, 12.9620, -4.1289 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(67, 69, 98)` looks like.

```
.text, #text, p{  
    color:rgb(67, 69, 98)  
}
```

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(67, 69, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 69, 98) }
```

Border

The CSS property to change the border of an element to YUV 71.7080, 12.9620, -4.1289 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(67, 69, 98) }
```


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

```
.border{ border-color:rgb(67, 69, 98) }
```

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

Here you see how a box with a 4 pixel rgb(67, 69, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 69, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 69, 98);  
box-shadow:4px 4px 4px 4px rgb(67, 69, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.7080, 12.9620, -4.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 69, 98) }
```

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

```
.background{ background-color: rgb(67, 69,  
98) }
```

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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