

Converting Colors

YUV(71.8930, 12.3778, -3.4142)

Have a look what the booklet for
YUV(71.8930, 12.3778, -3.4142)
contains.

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Color

**YUV(71.8930, 12.3778,
-3.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	444561
RGB	68, 69, 97
RGB Percent	27%, 27%, 38%
CMY	0.7333, 0.7294, 0.6196
CMYK	0.30, 0.29, 0.00, 0.62
HSL	238°, 18%, 32%
HSV	238°, 30%, 38%
XYZ	6.6697, 6.3483, 12.1831
YIQ	71.8930, -9.5840, 8.4960

Conversions

Conversions Part 2

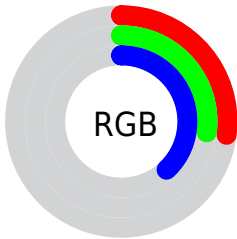
Format	Color
R_{YB}	68, 69, 97
Decimal	4474209
CIE _{Lab}	30.27, 6.77, -16.59
CIE _{LCh}	30, 17.920, 292.210
Yxy	6.3483, 0.2647, 0.2519
Android (android.graphics.Color)	4282664289 (0xFF444561)
YUV	71.8930, 12.3778, -3.4142
Hunter-Lab	25.1957, 3.1590, -11.0319

Details

The YUV color **71.8930, 12.3778, -3.4142** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **93.1070, -12.3778, 3.4142**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.5340, 13.5407, -3.0993**, and **27.8390, 10.9254, -4.2438** is the 20% darker color. If you saturate the color by 10%, you get **63.6200, 16.4563, -4.9287**, and if you desaturate by 10%, it is **80.1660, 8.2992, -1.8996**.

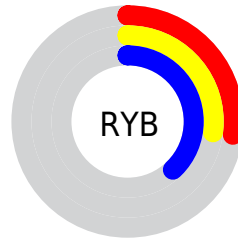
Distribution



Red (27%)

Green (27%)

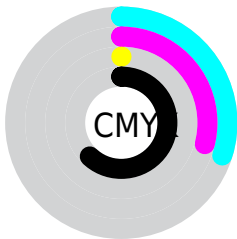
Blue (38%)



Red (27%)

Yellow (27%)

Blue (38%)

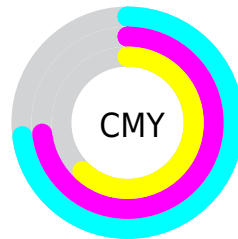


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (62%)



Cyan (73%)

Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8930, 12.3778, -3.4142 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 71.8930, 12.3778, -3.4142 by changing the saturation by 10% instead.

■ 71.8930, 12.3778,
-3.4142

■ 71.8930, 12.3778,
-3.4142

■ 255.0000, 0.0000,
0.0000

■ 49.3660, 11.6516,
-3.8290

■ 120.5340, 13.5407,
-3.0993

■ 27.8390, 10.9254,
-4.2438

■ 146.5340, 13.5407,
-3.0993

■ 3.4200, 13.1039,
-2.9993

■ 172.7620, 14.4143,
-3.2993

■ 0.0000, 0.0000,
0.0000

■ 200.1750, 14.7037,
-2.7845

■ 227.8330, 13.3933,
-2.4845

■ 253.5270, 0.7262,

0.4148

■ 71.8930, 12.3778,
-3.4142

■ 71.8930, 12.3778,
-3.4142

■ 63.6200, 16.4563,
-4.9287

■ 80.1660, 8.2992,
-1.8996

■ 55.0590, 20.6769,
-5.3137

■ 88.7270, 4.0786,
-1.5146

■ 46.7860, 24.7555,
-6.8283

■ 97.0000, 0.0000,
0.0000

■ 38.5130, 28.8341,
-8.3429

■ 105.2730, -4.0786,
1.5146

■ 29.9520, 33.0547,
-8.7279

■ 113.8340, -8.2992,
1.8996

■ 21.6790, 37.1333,
-10.2425

■ 122.1070,
-12.3778, 3.4142

■ 12.8190, 41.5012,
-11.2423

■ 130.9670,
-16.7457, 4.4139

■ 139.2400,
-20.8243, 5.9285

■ 147.2140,
-24.7555, 6.8283

Harmonies

Analogous

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



68.7770, 14.8999, -19.0984



71.8930, 12.3778, -3.4142



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.



71.8930, 12.3778, -3.4142



71.3740, -10.5374, 19.8430



65.0740, 0.9495, -24.6209

Complementary

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



71.8930, 12.3778, -3.4142



93.1070, -12.3778, 3.4142

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.



67.5010, -6.6560, -11.8404



71.8930, 12.3778, -3.4142



70.6350, -13.1311, 11.7211

Square

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



71.8930, 12.3778, -3.4142



72.3620, -5.6015, 23.3615



69.4980, -12.0775, 0.4403



62.7830, 8.9810, -34.0127

Rectangle

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



71.8930, 12.3778, -3.4142



73.3210, 3.2927, 17.2585



69.4980, -12.0775, 0.4403



65.7110, -1.8295, -19.9175

Sweetspot

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



71.8930, 12.3778, -3.4142



115.2540, 4.8048, -1.0998



88.2150, 3.8380, -17.7286



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.



71.8930, 12.3778, -3.4142



86.3040, 19.0771, -5.5286



75.1930, 10.7509, 5.0927



44.4560, 1.7472, -0.3999



15.1160, 47.7638, -13.2567



32.0560, 102.5164, -28.1131

Inverse Universe

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



76.7850, -3.8380, 17.7286



93.6830, -5.7597, 27.4650



89.8070, -10.7509, -5.0927



45.1960, -0.5896, 2.4591



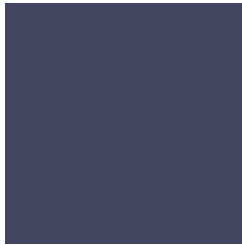
33.9440, -14.7624, 68.4551



72.6720, -31.8833, 146.7467

Previews

White Background



This preview shows how the YUV color 71.8930, 12.3778, -3.4142 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 71.8930, 12.3778, -3.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

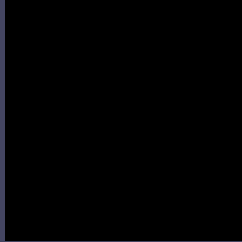
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.8930, 12.3778, -3.4142

Background



This preview shows how black text looks on a background with the YUV color 71.8930, 12.3778, -3.4142.



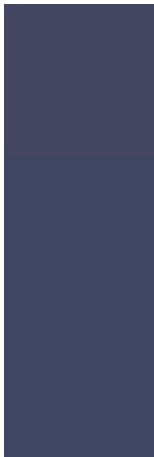
This preview shows how white text looks on a background with the YUV color 71.8930, 12.3778,

-3.4142.

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

71.8930, 12.3778, -3.4142

Protanopia

71.0990, 13.2622, -7.1028

Deuteranopia

71.2840, 12.6780, -6.3881



Tritanopia

70.8790, 3.5107, -6.0329

Trichromacy



Original Color

71.8930, 12.3778, -3.4142

Protanomaly

71.6970, 12.9674, -5.8733

Deuteranomaly

71.5830, 12.5306, -5.7733

Tritanomaly

71.3890, 6.7102, -5.6032

Monochromacy



Original Color

71.8930, 12.3778, -3.4142

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8930, 12.3778, -3.4142 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(68, 69, 97)` looks like.

```
.text, #text, p{  
    color:rgb(68, 69, 97)  
}
```

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(68, 69, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 69, 97) }
```

Border

The CSS property to change the border of an element to YUV 71.8930, 12.3778, -3.4142 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(68, 69, 97) }
```


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

```
.border{ border-color:rgb(68, 69, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 69, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 69, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 69, 97);  
box-shadow:4px 4px 4px 4px rgb(68, 69, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.8930, 12.3778, -3.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 69, 97) }
```

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

```
.background{ background-color: rgb(68, 69,  
97) }
```

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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