

Converting Colors

YUV(71.0490, 15.7518,
-12.3210)

Have a look what the booklet for
YUV(71.0490, 15.7518, -12.3210)
contains.

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Color

**YUV(71.0490, 15.7518,
-12.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	394867
RGB	57, 72, 103
RGB Percent	22%, 28%, 40%
CMY	0.7765, 0.7176, 0.5961
CMYK	0.45, 0.30, 0.00, 0.60
HSL	220°, 29%, 31%
HSV	220°, 45%, 40%
XYZ	6.4529, 6.4839, 13.7434
YIQ	71.0490, -18.8910, 6.4610

Conversions

Conversions Part 2

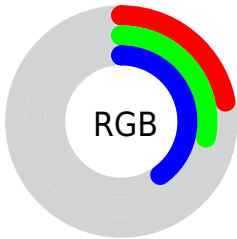
Format	Color
R_{YB}	57, 68, 103
Decimal	3754087
CIE _{Lab}	30.60, 3.10, -19.98
CIE _{LCh}	31, 20.217, 278.833
Yxy	6.4839, 0.2419, 0.2430
Android (android.graphics.Color)	4281944167 (0xFF394867)
YUV	71.0490, 15.7518, -12.3210
Hunter-Lab	25.4634, 0.6741, -14.1762

Details

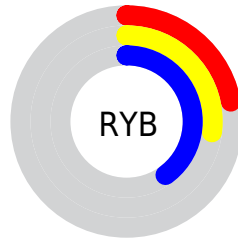
The YUV color **71.0490, 15.7518, -12.3210** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **88.9510, -15.7518, 12.3210**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6900, 16.9148, -12.0061**, and **25.7990, 14.8891, -15.6097** is the 20% darker color. If you saturate the color by 10%, you get **63.9500, 19.2516, -14.8652**, and if you desaturate by 10%, it is **78.1480, 12.2520, -9.7768**.

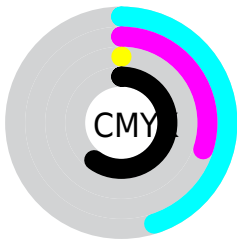
Distribution



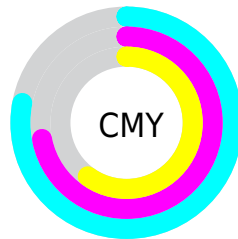
- Red (22%)
- Green (28%)
- Blue (40%)



- Red (22%)
- Yellow (27%)
- Blue (40%)



- Cyan (45%)
- Magenta (30%)
- Yellow (0%)
- Black (60%)



- Cyan (78%)
- Magenta (72%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.0490, 15.7518, -12.3210 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 71.0490, 15.7518, -12.3210 by changing the saturation by 10% instead.

■ 71.0490, 15.7518,
-12.3210

■ 71.0490, 15.7518,
-12.3210

■ 255.0000, 0.0000,
0.0000

■ 48.2230, 15.1731,
-13.3506

■ 119.6900, 16.9148,
-12.0061

■ 25.7990, 14.8891,
-15.6097

■ 145.8040, 17.3516,
-12.1061

■ 5.1640, 14.7091,
-4.5288

■ 172.3310, 18.0778,
-11.6913

■ 1.0260, 3.9312,
-0.8998

■ 200.0320, 18.2252,
-12.3061

■ 0.0000, 0.0000,
0.0000

■ 226.8920, 13.8572,
-11.3063

■ 251.4120, 1.7689,

-7.3773

■ 71.0490, 15.7518,
-12.3210

■ 71.0490, 15.7518,
-12.3210

■ 63.9500, 19.2516,
-14.8652

■ 78.1480, 12.2520,
-9.7768

■ 56.5520, 22.8989,
-18.0241

■ 85.5460, 8.6048,
-6.6178

■ 49.4530, 26.3987,
-20.5683

■ 92.6450, 5.1050,
-4.0737

■ 42.3540, 29.8985,
-23.1125

■ 99.7440, 1.6052,
-1.5295

■ 34.9560, 33.5457,
-26.2714

■ 107.1420, -2.0420,
1.6295

■ 31.7000, 35.1509,
-27.8009

■ 114.2410, -5.5418,
4.1736

■ 121.3400, -9.0416,
6.7178

■ 128.4390,
-12.5414, 9.2620

■ 135.2500,
-15.8993, 12.9358

Harmonies

Analogous

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



65.6830, 17.4113, -31.2940



71.0490, 15.7518, -12.3210



73.7200, 11.4770, 5.5076

Triad

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



71.0490, 15.7518, -12.3210



72.6350, -9.6801, 24.8761



66.0590, -2.9871, -21.9767

Complementary

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



71.0490, 15.7518, -12.3210



88.9510, -15.7518, 12.3210

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.



68.7960, -10.7454, -6.8371



71.0490, 15.7518, -12.3210



71.7390, -14.1683, 17.7689

Square

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



71.0490, 15.7518, -12.3210



73.7690, -2.8441, 25.6356



70.8470, -14.7146, 6.2732



61.8920, 6.9552, -37.6163

Rectangle

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



71.0490, 15.7518, -12.3210



74.3360, 7.2294, 14.6143



70.8470, -14.7146, 6.2732



66.9950, -5.9135, -16.6586

Sweetspot

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



71.0490, 15.7518, -12.3210



122.8730, 5.9786, -4.2736



87.5360, 0.2288, -26.7801



61.0150, 3.9366, -2.6442



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



71.0490, 15.7518, -12.3210



84.4100, 24.9409, -19.6536



64.6360, 18.9135, 0.3192



47.7440, 1.6052, -1.5295



34.8290, 39.5243, -30.5450



73.9610, 82.8432, -64.8638

Inverse Universe

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



72.4640, -0.2288, 26.7801



86.5630, -0.2776, 42.4792



95.3640, -18.9135, -0.3192



47.7230, 0.1366, 2.8739



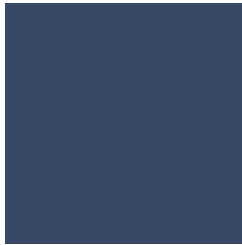
38.6030, -0.7903, 67.0002



81.3640, -1.1655, 140.8778

Previews

White Background



This preview shows how the YUV color 71.0490, 15.7518, -12.3210 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 71.0490, 15.7518, -12.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

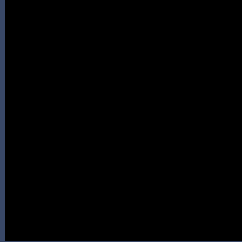
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.0490, 15.7518, -12.3210

Background



This preview shows how black text looks on a background with the YUV color 71.0490, 15.7518, -12.3210.

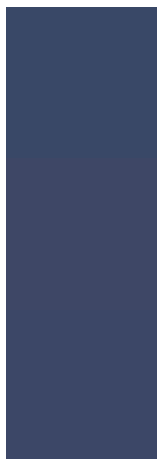


This preview shows how white text looks on a background with the YUV color 71.0490, 15.7518,

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

71.0490, 15.7518, -12.3210

Protanopia

71.8430, 14.8674, -8.6323

Deuteranopia

71.3590, 15.5990, -9.9618



Tritanopia

69.2090, 6.3060, -15.9693

Trichromacy



Original Color

71.0490, 15.7518, -12.3210

Protanomaly

71.2450, 15.1622, -9.8619

Deuteranomaly

71.0600, 15.7464, -10.5766

Tritanomaly

70.1320, 9.7949, -15.0248

Monochromacy



Original Color

71.0490, 15.7518, -12.3210

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8730, 5.9786, -4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.0490, 15.7518, -12.3210 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(57, 72, 103)` looks like.

```
.text, #text, p{  
    color:rgb(57, 72, 103)  
}
```

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(57, 72, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 72, 103) }
```

Border

The CSS property to change the border of an element to YUV 71.0490, 15.7518, -12.3210 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(57, 72, 103) }
```


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

```
.border{ border-color:rgb(57, 72, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 72, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 72, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 72, 103);  
box-shadow:4px 4px 4px 4px rgb(57, 72,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 71.0490, 15.7518, -12.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 72, 103) }
```

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

```
.background{ background-color: rgb(57, 72,  
103) }
```

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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