

Converting Colors

YUV(73.7070, 14.4414,
-12.0210)

Have a look what the booklet for
YUV(73.7070, 14.4414, -12.0210)
contains.

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Color

**YUV(73.7070, 14.4414,
-12.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	3C4B67
RGB	60, 75, 103
RGB Percent	24%, 29%, 40%
CMY	0.7647, 0.7059, 0.5961
CMYK	0.42, 0.27, 0.00, 0.60
HSL	219°, 26%, 32%
HSV	219°, 42%, 40%
XYZ	6.8277, 6.9721, 13.8178
YIQ	73.7070, -17.9280, 5.5280

Conversions

Conversions Part 2

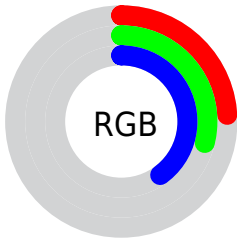
Format	Color
RYB	60, 71, 103
Decimal	3951463
CIELab	31.74, 2.06, -18.19
CIELCh	32, 18.306, 276.461
Yxy	6.9721, 0.2472, 0.2525
Android (android.graphics.Color)	4282141543 (0xFF3C4B67)
YUV	73.7070, 14.4414, -12.0210
Hunter-Lab	26.4047, -0.0516, -12.5438

Details

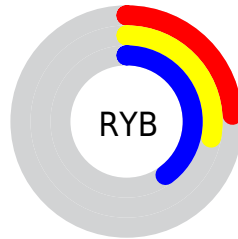
The YUV color **73.7070, 14.4414, -12.0210** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **89.2930, -14.4414, 12.0210**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.9350, 15.3150, -12.2210**, and **28.1690, 13.7207, -14.1802** is the 20% darker color. If you saturate the color by 10%, you get **66.6080, 17.9413, -14.5652**, and if you desaturate by 10%, it is **80.8060, 10.9416, -9.4769**.

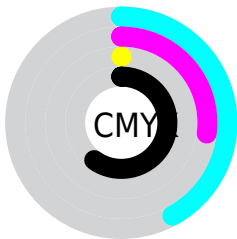
Distribution



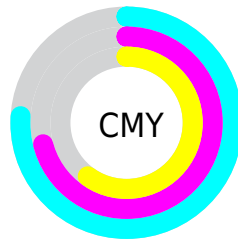
- Red (24%)
- Green (29%)
- Blue (40%)



- Red (24%)
- Yellow (28%)
- Blue (40%)



- Cyan (42%)
- Magenta (27%)
- Yellow (0%)
- Black (60%)



- Cyan (76%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7070, 14.4414, -12.0210 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 73.7070, 14.4414, -12.0210 by changing the saturation by 10% instead.

■ 73.7070, 14.4414,
-12.0210

■ 73.7070, 14.4414,
-12.0210

■ 255.0000, 0.0000,
0.0000

■ 50.2940, 14.1521,
-12.5358

■ 122.9350, 15.3150,
-12.2210

■ 28.1690, 13.7207,
-14.1802

■ 148.4620, 16.0412,
-11.8062

■ 8.0990, 13.2622,
-7.1028

■ 175.5760, 16.4780,
-11.9062

■ 1.1400, 4.3680,
-0.9998

■ 202.6900, 16.9148,
-12.0061

■ 0.0000, 0.0000,
0.0000

■ 230.1370, 12.2575,
-11.5211

■ 252.3090, 1.3267,

-5.5330

■ 73.7070, 14.4414,
-12.0210

■ 73.7070, 14.4414,
-12.0210

■ 66.6080, 17.9413,
-14.5652

■ 80.8060, 10.9416,
-9.4769

■ 59.7970, 21.2991,
-18.2390

■ 87.6170, 7.5838,
-5.8031

■ 52.6980, 24.7989,
-20.7831

■ 94.7160, 4.0840,
-3.2589

■ 45.5990, 28.2987,
-23.3273

■ 101.8150, 0.5842,
-0.7148

■ 38.2010, 31.9459,
-26.4863

■ 109.2130, -3.0630,
2.4442

■ 32.8740, 34.5721,
-28.8305

■ 115.7250, -6.2734,
5.5032

■ 122.8240, -9.7732,
8.0474

■ 129.9230,
-13.2730, 10.5915

■ 136.7340,
-16.6309, 14.2653

Harmonies

Analogous

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



69.2490, 15.6532, -27.4054



73.7070, 14.4414, -12.0210



76.4810, 10.6089, 3.9632

Triad

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



73.7070, 14.4414, -12.0210



75.8520, -8.8010, 22.9318



69.9670, -3.4347, -18.3881

Complementary

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



73.7070, 14.4414, -12.0210



89.2930, -14.4414, 12.0210

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.



71.9210, -10.3141, -5.1927



73.7070, 14.4414, -12.0210



74.7820, -12.7105, 16.8542

Square

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



73.7070, 14.4414, -12.0210



76.5730, -2.2545, 23.1765



73.4880, -13.5516, 6.5880



67.0670, 4.8970, -30.7538

Rectangle

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



73.7070, 14.4414, -12.0210



76.9120, 6.9454, 12.3552



73.4880, -13.5516, 6.5880



70.6040, -6.2138, -13.6847

Sweetspot

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



73.7070, 14.4414, -12.0210



123.4600, 5.6892, -4.7884



88.4330, -0.2135, -24.9357



61.6020, 3.6472, -3.1590



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.



73.7070, 14.4414, -12.0210



89.1390, 22.6095, -18.5389



66.6960, 17.8979, -0.6104



47.7440, 1.6052, -1.5295



36.5900, 38.6561, -32.0894



77.4830, 81.1069, -67.9526

Inverse Universe

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



74.5670, 0.2135, 24.9357



90.6550, 0.1701, 38.8906



96.3040, -17.8979, 0.6104



47.7230, 0.1366, 2.8739



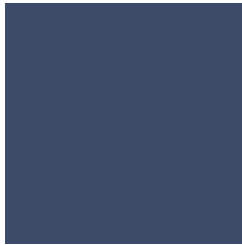
38.9450, 0.5201, 66.7002



82.0480, 1.4553, 140.2779

Previews

White Background



This preview shows how the YUV color 73.7070, 14.4414, -12.0210 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 73.7070, 14.4414, -12.0210 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

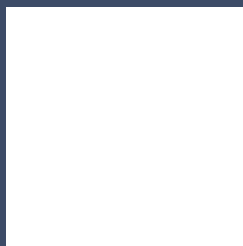
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 73.7070, 14.4414, -12.0210

Background



This preview shows how black text looks on a background with the YUV color 73.7070, 14.4414, -12.0210.

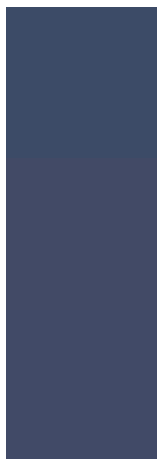


This preview shows how white text looks on a background with the YUV color 73.7070, 14.4414,

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

73.7070, 14.4414, -12.0210

Protanopia

74.8000, 13.4096, -7.7176

Deuteranopia

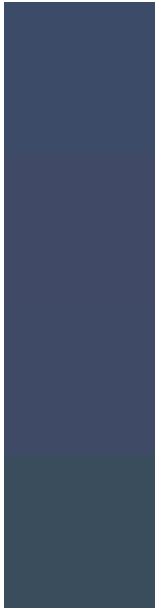
74.6150, 13.9938, -8.4324



Tritanopia

71.9210, 6.4479, -14.8397

Trichromacy



Original Color

73.7070, 14.4414, -12.0210

Protanomaly

74.2020, 13.7044, -8.9472

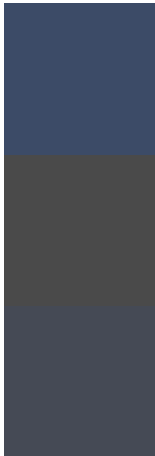
Deuteranomaly

74.0170, 14.2886, -9.6619

Tritanomaly

72.7300, 9.5001, -13.7952

Monochromacy



Original Color

73.7070, 14.4414, -12.0210

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7590, 5.5418, -4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7070, 14.4414, -12.0210 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(60, 75, 103)` looks like.

```
.text, #text, p{  
    color:rgb(60, 75, 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(60, 75, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 75, 103) }
```

Border

The CSS property to change the border of an element to YUV 73.7070, 14.4414, -12.0210 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(60, 75, 103) }
```


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

```
.border{ border-color:rgb(60, 75, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 75, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 75, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 75, 103);  
box-shadow:4px 4px 4px 4px rgb(60, 75,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 73.7070, 14.4414, -12.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 75, 103) }
```

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

```
.background{ background-color: rgb(60, 75,  
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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