

Converting Colors

YUV(72.0870, 14.7471,
-16.7393)

Have a look what the booklet for
YUV(72.0870, 14.7471, -16.7393)
contains.

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Color

**YUV(72.0870, 14.7471,
-16.7393)**

Conversions

Conversions Part 1

Format	Color
Hex	354C66
RGB	53, 76, 102
RGB Percent	21%, 30%, 40%
CMY	0.7922, 0.7020, 0.6000
CMYK	0.48, 0.25, 0.00, 0.60
HSL	212°, 32%, 30%
HSV	212°, 48%, 40%
XYZ	6.4509, 6.8851, 13.5593
YIQ	72.0870, -22.0540, 3.2100

Conversions

Conversions Part 2

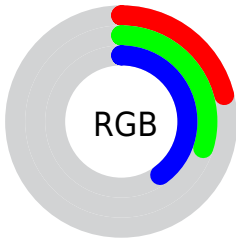
Format	Color
RYB	53, 69, 102
Decimal	3492966
CIELab	31.54, -0.98, -17.90
CIElCh	32, 17.929, 266.876
Yxy	6.8851, 0.2399, 0.2560
Android (android.graphics.Color)	4281683046 (0xFF354C66)
YUV	72.0870, 14.7471, -16.7393
Hunter-Lab	26.2394, -2.0351, -12.2707

Details

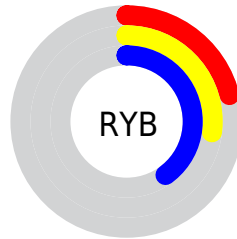
The YUV color **72.0870, 14.7471, -16.7393** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **82.9130, -14.7471, 16.7393**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.3150, 15.6207, -16.9393**, and **25.6520, 14.4686, -20.7428** is the 20% darker color. If you saturate the color by 10%, you get **66.1620, 17.6681, -20.3131**, and if you desaturate by 10%, it is **78.0120, 11.8261, -13.1655**.

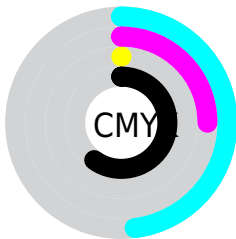
Distribution



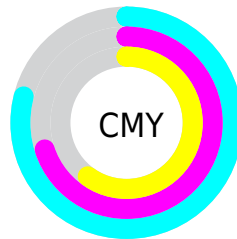
- Red (21%)
- Green (30%)
- Blue (40%)



- Red (21%)
- Yellow (27%)
- Blue (40%)



- Cyan (48%)
- Magenta (25%)
- Yellow (0%)
- Black (60%)



- Cyan (79%)
- Magenta (70%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0870, 14.7471, -16.7393 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 72.0870, 14.7471, -16.7393 by changing the saturation by 10% instead.

■ 72.0870, 14.7471,
-16.7393

■ 72.0870, 14.7471,
-16.7393

■ 255.0000, 0.0000,
0.0000

■ 48.6740, 14.4577,
-17.2541

■ 121.3150, 15.6207,
-16.9393

■ 25.6520, 14.4686,
-20.7428

■ 147.4290, 16.0575,
-17.0392

■ 8.5720, 12.5360,
-7.5176

■ 173.8420, 16.3469,
-16.5244

■ 0.9120, 3.4944,
-0.7998

■ 201.6570, 16.9311,
-17.2392

■ 0.0000, 0.0000,
0.0000

■ 228.6310, 12.9999,
-16.3394

■ 249.9170, 2.5059,

-10.4512

■ 72.0870, 14.7471,
-16.7393

■ 72.0870, 14.7471,
-16.7393

■ 66.1620, 17.6681,
-20.3131

■ 78.0120, 11.8261,
-13.1655

■ 59.6500, 20.8786,
-23.3720

■ 84.5240, 8.6157,
-10.1065

■ 53.4260, 23.9470,
-27.5606

■ 90.7480, 5.5472,
-5.9180

■ 46.9140, 27.1574,
-30.6196

■ 97.2600, 2.3368,
-2.8590

■ 40.9890, 30.0784,
-34.1934

■ 103.1850, -0.5842,
0.7148

■ 39.8040, 30.6626,
-34.9081

■ 109.1100, -3.5052,
4.2885

■ 115.6220, -6.7156,
7.3475

■ 121.8460, -9.7841,
11.5361

■ 128.3580,
-12.9945, 14.5950

Harmonies

Analogous

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



67.8850, 14.3537, -30.5941



72.0870, 14.7471, -16.7393



75.0890, 11.7881, -0.9551

Triad

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



72.0870, 14.7471, -16.7393



75.1340, -6.4751, 23.5615



69.7180, -5.7770, -13.7847

Complementary

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



72.0870, 14.7471, -16.7393



82.9130, -14.7471, 16.7393

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.



72.0140, -11.3459, -0.8893



72.0870, 14.7471, -16.7393



74.4340, -11.5530, 18.9134

Square

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



72.0870, 14.7471, -16.7393



76.1320, -0.0651, 20.9322



73.5100, -13.5624, 10.0767



67.7040, 2.1179, -26.0504

Rectangle

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



72.0870, 14.7471, -16.7393



76.3460, 8.7034, 8.4666



73.5100, -13.5624, 10.0767



70.5830, -7.6824, -9.2813

Sweetspot

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



72.0870, 14.7471, -16.7393



121.4490, 5.6946, -6.5328



84.6130, -3.2602, -27.7246



59.1890, 3.3578, -3.6738



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



72.0870, 14.7471, -16.7393



85.9100, 23.2154, -26.2311



58.8850, 21.2557, -4.2841



47.7440, 1.6052, -1.5295



44.8080, 34.6047, -39.2966



94.5060, 72.7145, -82.8818

Inverse Universe

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



70.2730, 2.8234, 27.8246



83.1270, 4.3744, 43.7386



96.1150, -21.2557, 4.2841



47.7230, 0.1366, 2.8739



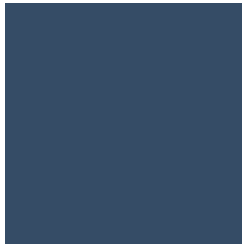
40.5410, 6.6353, 65.3005



85.3540, 14.1225, 137.3785

Previews

White Background



This preview shows how the YUV color 72.0870, 14.7471, -16.7393 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 72.0870, 14.7471, -16.7393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

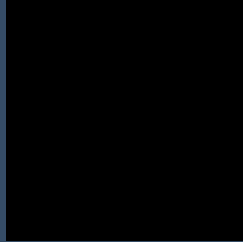
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

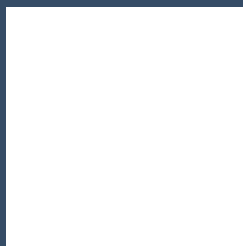
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 72.0870, 14.7471, -16.7393

Background



This preview shows how black text looks on a background with the YUV color 72.0870, 14.7471, -16.7393.

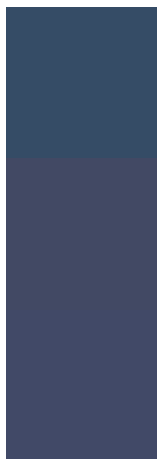


This preview shows how white text looks on a background with the YUV color 72.0870, 14.7471, -16.7393.

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

72.0870, 14.7471, -16.7393

Protanopia

73.9850, 12.8254, -7.0028

Deuteranopia

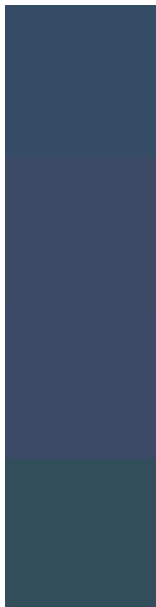
74.0280, 14.2832, -7.9176



Tritanopia

70.4150, 7.1904, -19.6580

Trichromacy



Original Color

72.0870, 14.7471, -16.7393

Protanomaly

73.1910, 13.7098, -10.6915

Deuteranomaly

73.4190, 14.5834, -10.8915

Tritanomaly

71.1100, 9.8058, -18.5135

Monochromacy



Original Color

72.0870, 14.7471, -16.7393

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.7480, 5.5472, -5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0870, 14.7471, -16.7393 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(53, 76, 102)` looks like.

```
.text, #text, p{  
    color:rgb(53, 76, 102)  
}
```

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(53, 76, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 76, 102) }
```

Border

The CSS property to change the border of an element to YUV 72.0870, 14.7471, -16.7393 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(53, 76, 102) }
```


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

```
.border{ border-color:rgb(53, 76, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 76, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 76, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 76, 102);  
box-shadow:4px 4px 4px 4px rgb(53, 76,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 72.0870, 14.7471, -16.7393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 76, 102) }
```

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

```
.background{ background-color: rgb(53, 76,  
102) }
```

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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