

Converting Colors

YUV(72.0930, 15.7302, -5.3436)

Have a look what the booklet for
YUV(72.0930, 15.7302, -5.3436)
contains.

YUV(72.0930, 15.7302, -5.3436)	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(72.0930, 15.7302,
-5.3436)**

Conversions

Conversions Part 1

Format	Color
Hex	424568
RGB	66, 69, 104
RGB Percent	26%, 27%, 41%
CMY	0.7412, 0.7294, 0.5922
CMYK	0.37, 0.34, 0.00, 0.59
HSL	235°, 22%, 33%
HSV	235°, 37%, 41%
XYZ	6.8736, 6.4140, 13.9724
YIQ	72.0930, -13.0230, 10.2490

Conversions

Conversions Part 2

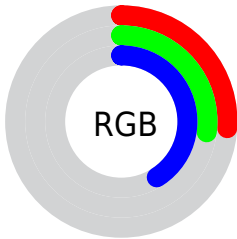
Format	Color
R_{YB}	66, 69, 104
Decimal	4343144
CIE _{Lab}	30.43, 8.17, -20.82
CIE _{LCh}	30, 22.366, 291.421
Yxy	6.4140, 0.2521, 0.2353
Android (android.graphics.Color)	4282533224 (0xFF424568)
YUV	72.0930, 15.7302, -5.3436
Hunter-Lab	25.3258, 4.1258, -14.9827

Details

The YUV color **72.0930, 15.7302, -5.3436** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **97.9070, -15.7302, 5.3436**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7340, 16.8931, -5.0287**, and **27.7400, 14.4252, -6.7880** is the 20% darker color. If you saturate the color by 10%, you get **63.2330, 20.0981, -6.3433**, and if you desaturate by 10%, it is **80.9530, 11.3622, -4.3438**.

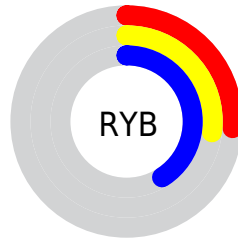
Distribution



Red (26%)

Green (27%)

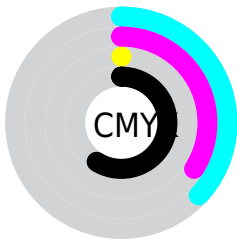
Blue (41%)



Red (26%)

Yellow (27%)

Blue (41%)

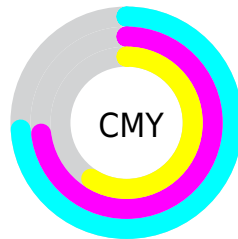


Cyan (37%)

Magenta (34%)

Yellow (0%)

Black (59%)



Cyan (74%)

Magenta (73%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0930, 15.7302, -5.3436 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 72.0930, 15.7302, -5.3436 by changing the saturation by 10% instead.

■ 72.0930, 15.7302,
-5.3436

■ 72.0930, 15.7302,
-5.3436

■ 255.0000, 0.0000,
0.0000

■ 49.5660, 15.0040,
-5.7584

■ 120.7340, 16.8931,
-5.0287

■ 27.7400, 14.4252,
-6.7880

■ 146.8480, 17.3299,
-5.1287

■ 3.9900, 15.2879,
-3.4992

■ 173.3750, 18.0561,
-4.7139

■ 1.2540, 4.8048,
-1.0998

■ 200.4890, 18.4929,
-4.8139

■ 0.0000, 0.0000,
0.0000

■ 227.5340, 13.5407,
-3.0993

■ 252.9290, 1.0210,

-0.8147

■ 72.0930, 15.7302,
-5.3436

■ 72.0930, 15.7302,
-5.3436

■ 63.2330, 20.0981,
-6.3433

■ 80.9530, 11.3622,
-4.3438

■ 54.6610, 24.3241,
-8.4727

■ 89.5250, 7.1362,
-2.2144

■ 45.8010, 28.6921,
-9.4725

■ 98.3850, 2.7682,
-1.2146

■ 37.2290, 32.9181,
-11.6018

■ 106.9570, -1.4578,
0.9147

■ 28.3690, 37.2861,
-12.6016

■ 115.8170, -5.8258,
1.9145

■ 20.0960, 41.3647,
-14.1162

■ 124.0900, -9.9044,
3.4291

■ 16.5520, 43.1119,
-14.5161

■ 133.2490,
-14.4198, 5.0436

■ 142.1090,
-18.7877, 6.0434

■ 150.6810,
-23.0137, 8.1728

Harmonies

Analogous

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



66.5740, 19.4370, -27.6904



72.0930, 15.7302, -5.3436



74.3080, 9.7082, 12.8849

Triad

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



72.0930, 15.7302, -5.3436



72.0110, -13.3164, 24.5464



62.5460, 1.7028, -32.9278

Complementary

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



72.0930, 15.7302, -5.3436



97.9070, -15.7302, 5.3436

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.



66.3220, -8.5397, -14.3144



72.0930, 15.7302, -5.3436



70.7340, -16.6309, 14.2653

Square

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



72.0930, 15.7302, -5.3436



72.2810, -6.0545, 28.6946



68.7000, -15.1351, 1.1401



57.1230, 13.2504, -50.0969

Rectangle

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



72.0930, 15.7302, -5.3436



73.6960, 4.5869, 22.1916



68.7000, -15.1351, 1.1401



63.9660, -1.9552, -26.2802

Sweetspot

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



72.0930, 15.7302, -5.3436



122.2970, 6.2626, -2.0145



92.2960, 4.2911, -23.0616



61.6130, 3.6418, -1.4146



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.



72.0930, 15.7302, -5.3436



85.0740, 24.6135, -7.9579



75.1160, 14.2398, 6.0373



46.5700, 2.1840, -0.4999



18.3930, 47.6273, -16.1307



38.7410, 100.2067, -33.9759

Inverse Universe

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



77.7040, -4.2911, 23.0616



94.0970, -6.9498, 35.8719



94.8840, -14.2398, -6.0373



47.4950, -0.7370, 3.0739



35.4110, -13.0206, 69.7996



74.5240, -27.3733, 146.8765

Previews

White Background



This preview shows how the YUV color 72.0930, 15.7302, -5.3436 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 72.0930, 15.7302, -5.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

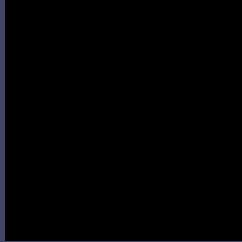
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.0930, 15.7302, -5.3436

Background



This preview shows how black text looks on a background with the YUV color 72.0930, 15.7302, -5.3436.



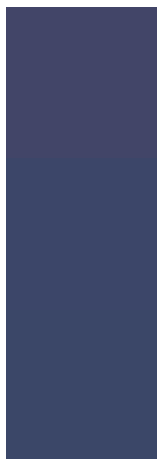
This preview shows how white text looks on a background with the YUV color 72.0930, 15.7302,

-5.3436.

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

72.0930, 15.7302, -5.3436

Protanopia

71.0000, 16.7620, -9.6470

Deuteranopia

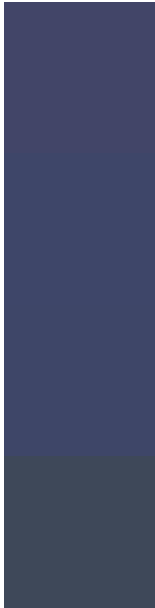
71.1740, 16.1832, -10.6766



Tritanopia

70.4980, 4.6845, -9.2067

Trichromacy



Original Color

72.0930, 15.7302, -5.3436

Protanomaly

71.5980, 16.4672, -8.4174

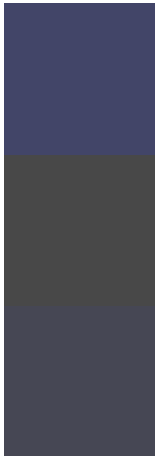
Deuteranomaly

71.4840, 16.0304, -8.3175

Tritanomaly

70.9480, 8.8996, -7.8474

Monochromacy



Original Color

72.0930, 15.7302, -5.3436

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.1830, 5.8258, -1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0930, 15.7302, -5.3436 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(66, 69, 104)` looks like.

```
.text, #text, p{  
    color:rgb(66, 69, 104)  
}
```

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(66, 69, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 69, 104) }
```

Border

The CSS property to change the border of an element to YUV 72.0930, 15.7302, -5.3436 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(66, 69, 104) }
```


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

```
.border{ border-color:rgb(66, 69, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 69, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 69, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 69, 104);  
box-shadow:4px 4px 4px 4px rgb(66, 69,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 72.0930, 15.7302, -5.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 69, 104) }
```

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

```
.background{ background-color: rgb(66, 69,  
104) }
```

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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