

Converting Colors

YUV(17.3670, 43.6961,
-15.2309)

Have a look what the booklet for
YUV(17.3670, 43.6961, -15.2309)
contains.

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Color

**YUV(17.3670, 43.6961,
-15.2309)**

Conversions

Conversions Part 1

Format	Color
Hex	00096A
RGB	0, 9, 106
RGB Percent	0%, 4%, 42%
CMY	1.0000, 0.9647, 0.5843
CMYK	1.00, 0.92, 0.00, 0.58
HSL	235°, 100%, 21%
HSV	235°, 100%, 42%
XYZ	2.6992, 1.2360, 13.7320
YIQ	17.3670, -36.5010, 28.2590

Conversions

Conversions Part 2

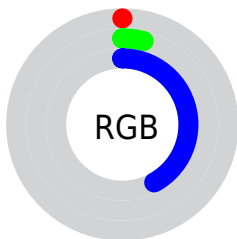
Format	Color
RYB	0, 8, 106
Decimal	2410
CIELab	10.82, 36.94, -54.06
CIELCh	11, 65.473, 304.349
Yxy	1.2360, 0.1528, 0.0700
Android (android.graphics.Color)	4278192490 (0xFF00096A)
YUV	17.3670, 43.6961, -15.2309
Hunter-Lab	11.1175, 23.8824, -65.4510

Details

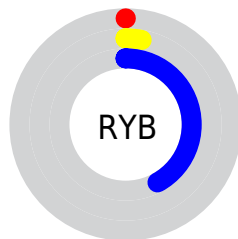
The YUV color **17.3670, 43.6961, -15.2309** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **88.6330, -43.6961, 15.2309**, and the grayscale version is **17.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.9500, 42.9156, 1.7978**, and **9.4330, 23.4505, -8.2727** is the 20% darker color. If you saturate the color by 10%, you get **17.3670, 43.6961, -15.2309**, and if you desaturate by 10%, it is **26.5260, 39.1807, -13.6163**.

Distribution



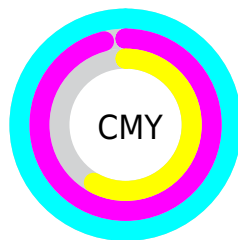
- Red (0%)
- Green (4%)
- Blue (42%)



- Red (0%)
- Yellow (3%)
- Blue (42%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (96%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 17.3670, 43.6961, -15.2309 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 17.3670, 43.6961, -15.2309 by changing the saturation by 10% instead.

■ 17.3670, 43.6961,
-15.2309

■ 17.3670, 43.6961,
-15.2309

■ 244.4340, 5.2090,
9.2664

■ 9.2340, 35.3806,
-8.0982

■ 71.9500, 42.9156,
1.7978

■ 9.4330, 23.4505,
-8.2727

■ 97.4880, 43.6364,
3.9570

■ 5.1640, 14.7091,
-4.5288

■ 123.1400, 44.7940,
6.0162

■ 1.0260, 3.9312,
-0.8998

■ 150.0800, 45.8096,
6.9458

■ 0.0000, 0.0000,
0.0000

■ 175.3810, 39.2522,
10.1899

■ 199.9010, 27.1638,

14.1188

■ 225.0080, 14.7861,
17.5330

■ 17.3670, 43.6961,
-15.2309

■ 26.5260, 39.1807,
-13.6163

■ 34.7990, 35.1021,
-12.1017

■ 43.9580, 30.5867,
-10.4872

■ 52.8180, 26.2187,
-9.4874

■ 61.3900, 21.9927,
-7.3580

■ 70.5490, 17.4773,
-5.7435

■ 79.4090, 13.1094,
-4.7437

■ 88.5680, 8.5940,
-3.1291

■ 96.8410, 4.5154,
-1.6146

Harmonies

Analogous

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



35.7410, 43.0187, -31.3449



17.3670, 43.6961, -15.2309



32.3840, 18.0517, 43.5132

Triad

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



17.3670, 43.6961, -15.2309



22.0820, -10.8864, 38.5161



29.2310, 2.8441, -25.6356

Complementary

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



17.3670, 43.6961, -15.2309



88.6330, -43.6961, 15.2309

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.



24.6540, -12.1544, -21.6216



17.3670, 43.6961, -15.2309



27.1780, -13.3988, 4.2289

Square

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



17.3670, 43.6961, -15.2309



26.9100, -13.2666, 55.3299



23.4800, -11.5756, -20.5920



35.5350, 21.9212, -31.1642

Rectangle

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



17.3670, 43.6961, -15.2309



33.2640, 3.3208, 55.0195



23.4800, -11.5756, -20.5920



26.8200, -3.8553, -23.5211

Sweetspot

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



17.3670, 43.6961, -15.2309



103.1360, 17.1880, -6.2583



73.0520, 10.8204, -64.0666



48.0240, 10.3412, -3.5290



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.



17.3670, 43.6961, -15.2309



22.7760, 56.8054, -19.9746



24.6420, 40.1095, 15.2230



49.2710, 2.3314, -1.1147



19.2080, 48.2115, -16.8454



40.2570, 100.9383, -35.3054

Inverse Universe

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



32.7200, -11.6940, 64.2666



42.6300, -15.1006, 83.6395



81.3580, -40.1095, -15.2230



49.9080, -0.4476, 3.5887



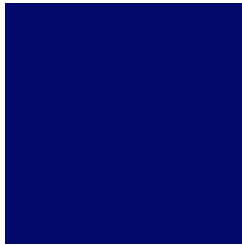
36.1230, -12.8786, 70.9291



75.6490, -26.9420, 148.5208

Previews

White Background



This preview shows how the YUV color 17.3670, 43.6961, -15.2309 looks on a white background.

Color Contrast Check

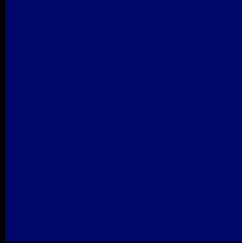
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3670, 43.6961, -15.2309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

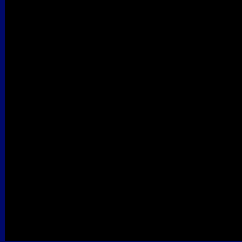
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 17.3670, 43.6961, -15.2309

Background



This preview shows how black text looks on a background with the YUV color 17.3670, 43.6961, -15.2309.



This preview shows how white text looks on a background with the YUV color 17.3670, 43.6961, -15.2309.

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



Protanopia

26.3080, 19.5682, -23.0721

Deuteranopia

26.3420, 14.6214, -23.1019

Tritanopia

25.4640, 6.1802, -22.3319

Trichromacy



Protanomaly

23.3220, 28.4353, -20.4534

Deuteranomaly

23.1110, 25.0883, -20.2683

Tritanomaly

22.4440, 19.9941, -19.6834

Monochromacy



Achromatopsia

17.0000, 0.0000, 0.0000

Achromatomaly

17.0930, 15.7302, -5.3436

CSS Examples

Text

The CSS property to change the color of the text to YUV 17.3670, 43.6961, -15.2309 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(0, 9, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 9, 106)  
}
```

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(0, 9, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 9, 106) }
```

Border

The CSS property to change the border of an element to YUV 17.3670, 43.6961, -15.2309 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(0, 9, 106) }
```

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

```
.border{ border-color:rgb(0, 9, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 9, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 9, 106); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 9, 106); box-shadow:4px  
4px 4px 4px rgb(0, 9, 106) }
```


Background

The CSS property to change the background color of an element to YUV 17.3670, 43.6961, -15.2309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 9, 106) }
```

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

```
.background{ background-color: rgb(0, 9,  
106) }
```

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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