

Converting Colors

YUV(43.1870, -17.3472,
-36.1210)

Have a look what the booklet for
YUV(43.1870, -17.3472, -36.1210)
contains.

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Color

**YUV(43.1870, -17.3472,
-36.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	024708
RGB	2, 71, 8
RGB Percent	1%, 28%, 3%
CMY	0.9922, 0.7216, 0.9686
CMYK	0.97, 0.00, 0.89, 0.72
HSL	125°, 95%, 14%
HSV	125°, 97%, 28%
XYZ	2.3221, 4.5369, 0.9831
YIQ	43.1870, -20.9010, -34.2210

Conversions

Conversions Part 2

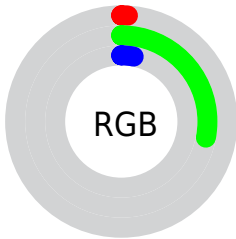
Format	Color
R_{YB}	2, 65, 71
Decimal	149256
CIE _{Lab}	25.37, -33.25, 29.69
CIE _{LCh}	25, 44.571, 138.238
Yxy	4.5369, 0.2961, 0.5785
Android (android.graphics.Color)	4278339336 (0xFF024708)
YUV	43.1870, -17.3472, -36.1210
Hunter-Lab	21.3000, -17.8152, 12.1736

Details

The YUV color **43.1870, -17.3472, -36.1210** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **29.8130, 17.3472, 36.1210**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.9490, -19.6949, -29.7733**, and **15.8490, -7.8136, -13.8996** is the 20% darker color. If you saturate the color by 10%, you get **42.3610, -17.9260, -37.1506**, and if you desaturate by 10%, it is **45.9640, -15.7583, -32.4174**.

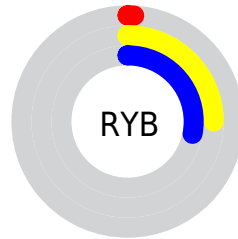
Distribution



Red (1%)

Green (28%)

Blue (3%)



Red (1%)

Yellow (25%)

Blue (28%)

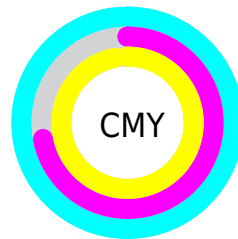


Cyan (97%)

Magenta (0%)

Yellow (89%)

Black (72%)



Cyan (99%)


Magenta (72%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 43.1870, -17.3472, -36.1210 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 43.1870, -17.3472, -36.1210 by changing the saturation by 10% instead.


 43.1870, -17.3472,
-36.1210


 43.1870, -17.3472,
-36.1210

 252.5780, -6.6940,
0.3701


 28.1760, -13.8908,
-24.7104


 94.9490, -19.6949,
-29.7733


 15.8490, -7.8136,
-13.8996

 120.7210,
-20.5685, -29.5733

 0.0000, 0.0000,
0.0000


 147.1940,
-21.2946, -29.9881


 174.5530,
-22.4576, -30.3030


 202.1400,
-22.7470, -30.8178


 228.8520,


-22.6050, -29.6882


 240.7150,
-14.6495, -14.6591


 43.1870, -17.3472,
-36.1210


 43.1870, -17.3472,
-36.1210


 42.3610, -17.9260,
-37.1506

 45.9640, -15.7583,
-32.4174

 48.8550, -13.7325,
-28.8138

 51.6320, -12.1436,
-25.1103

 54.5230, -10.1178,
-21.5067

 57.3000, -8.5289,
-17.8031

■ 60.4900, -6.6506,
-13.5847

■ 63.2670, -5.0616,
-9.8812

■ 66.1580, -3.0359,
-6.2776

■ 68.9350, -1.4470,
-2.5740

Harmonies

Analogous

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



54.8990, -27.0652, 0.9656



43.1870, -17.3472, -36.1210



48.5680, -1.7590, -42.5941

Triad

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



43.1870, -17.3472, -36.1210



54.3940, 35.7948, -47.7035



51.6960, -5.2731, 58.1486

Complementary

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



43.1870, -17.3472, -36.1210



29.8130, 17.3472, 36.1210

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.



54.6640, 10.0256, 51.1607



43.1870, -17.3472, -36.1210



52.7920, 35.5985, -31.3896

Square

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



43.1870, -17.3472, -36.1210



55.3910, 26.9222, -48.5779



61.2780, 22.0479, 21.6812



55.2110, -23.2750, 45.4190

Rectangle

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



43.1870, -17.3472, -36.1210



51.8910, 8.4347, -45.5084



61.2780, 22.0479, 21.6812



51.4880, 0.2524, 59.2080

Sweetspot

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



43.1870, -17.3472, -36.1210



81.0770, -6.9400, -14.0995



61.3400, -29.2546, 3.2098



39.5060, -4.1935, -8.3368



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



43.1870, -17.3472, -36.1210



54.9160, -23.1296, -48.1613



47.0630, -2.4961, -39.5203



34.3480, -1.1576, -2.0592



59.1390, -24.7185, -51.8649



135.5290, -56.9558, -118.8589

Inverse Universe

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



29.8130, 17.3472, 36.1210



37.0840, 23.1296, 48.1613



25.9370, 2.4961, 39.5203



33.5380, 0.7208, 2.1592



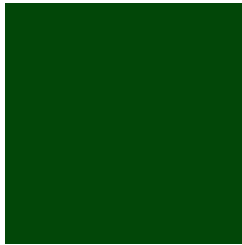
39.9750, 25.1553, 51.7649



91.4710, 56.9558, 118.8589

Previews

White Background



This preview shows how the YUV color 43.1870, -17.3472, -36.1210 looks on a white background.

Color Contrast Check

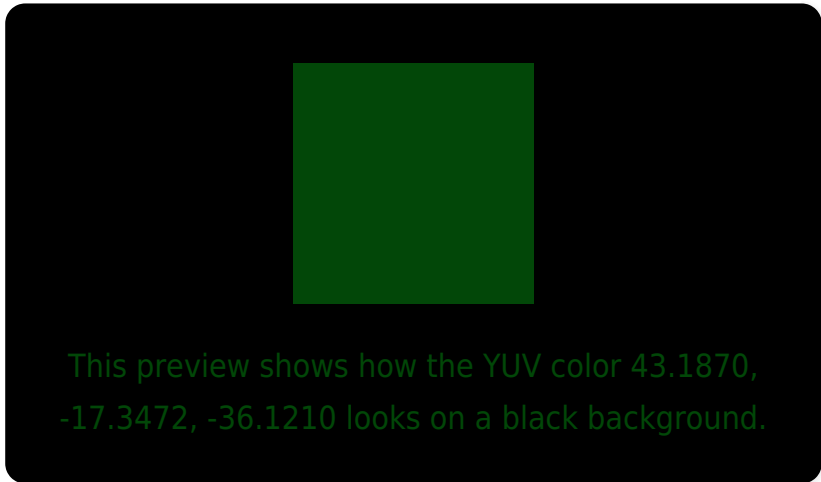
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 43.1870, -17.3472, -36.1210

Background



This preview shows how black text looks on a background with the YUV color 43.1870, -17.3472, -36.1210.



This preview shows how white text looks on a background with the YUV color 43.1870, -17.3472, -36.1210.

-36.1210.

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

43.1870, -17.3472, -36.1210

Protanopia

56.5950, -25.9293, 10.0022

Deuteranopia

58.7080, -20.5620, 15.1651



Tritanopia

55.8060, 7.4906, -22.6319

Trichromacy



Original Color

43.1870, -17.3472, -36.1210

Protanomaly

51.8810, -23.1123, -6.9116

Deuteranomaly

53.2280, -19.3394, -3.7080

Tritanomaly

51.3680, -1.6604, -27.5097

Monochromacy



Original Color

43.1870, -17.3472, -36.1210

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.9030, -6.3612, -13.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.1870, -17.3472, -36.1210 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(2, 71, 8)` looks like.

```
.text, #text, p{  
    color:rgb(2, 71, 8)  
}
```

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(2, 71, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 71, 8) }
```

Border

The CSS property to change the border of an element to YUV 43.1870, -17.3472, -36.1210 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(2, 71, 8) }
```


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

```
.border{ border-color:rgb(2, 71, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 71, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 71, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 71, 8); box-shadow:4px  
4px 4px 4px rgb(2, 71, 8) }
```

Background

The CSS property to change the background color of an element to YUV 43.1870, -17.3472, -36.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 71, 8) }
```

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

```
.background{ background-color: rgb(2, 71,  
8) }
```

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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