

Converting Colors

YUV(75.4830, -36.2271, -0.4236)

Have a look what the booklet for
YUV(75.4830, -36.2271, -0.4236)
contains.

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Color

**YUV(75.4830, -36.2271,
-0.4236)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5A02
RGB	75, 90, 2
RGB Percent	29%, 35%, 1%
CMY	0.7059, 0.6471, 0.9922
CMYK	0.17, 0.00, 0.98, 0.65
HSL	70°, 96%, 18%
HSV	70°, 98%, 35%
XYZ	6.5688, 8.8126, 1.4122
YIQ	75.4830, 19.3080, -30.5480

Conversions

Conversions Part 2

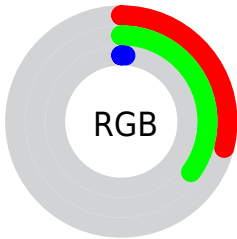
Format	Color
R_{YB}	2, 90, 17
Decimal	4938242
CIE Lab	35.62, -17.32, 42.01
CIE LCh	36, 45.440, 112.400
Yxy	8.8126, 0.3911, 0.5248
Android (android.graphics.Color)	4283128322 (0xFF4B5A02)
YUV	75.4830, -36.2271, -0.4236
Hunter-Lab	29.6860, -12.4528, 17.9596

Details

The YUV color **75.4830, -36.2271, -0.4236** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **16.5170, 36.2271, 0.4236**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.6510, -34.3379, 0.3061**, and **33.6020, -16.5658, -6.6670** is the 20% darker color. If you saturate the color by 10%, you get **75.2550, -37.1007, -0.2236**, and if you desaturate by 10%, it is **77.1070, -32.5908, -0.0938**.

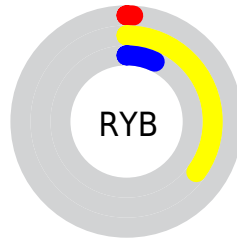
Distribution



Red (29%)

Green (35%)

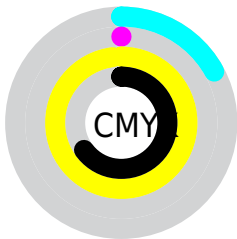
Blue (1%)



Red (1%)

Yellow (35%)

Blue (7%)

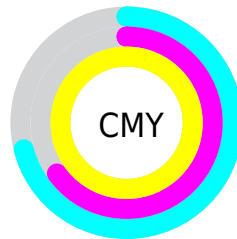


Cyan (17%)

Magenta (0%)

Yellow (98%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.4830, -36.2271, -0.4236 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 75.4830, -36.2271, -0.4236 by changing the saturation by 10% instead.

■ 75.4830, -36.2271,
-0.4236

■ 75.4830, -36.2271,
-0.4236

■ 253.7460, -4.8048,
1.0998

■ 54.5780, -26.9070,
-3.1379

■ 126.6510,
-34.3379, 0.3061

■ 33.6020, -16.5658,
-6.6670

■ 152.7220,
-35.3589, 1.1208

■ 15.2620, -7.5242,
-13.3848

■ 180.1950,
-36.0851, 0.7060


■ 0.0000, 0.0000,
0.0000


■ 207.3800,
-36.6693, 1.4207


■ 236.1520,
-37.5429, 1.6207


■ 247.2480,


-29.7023, 6.7985


 250.4400,
-17.4719, 3.9991


 75.4830, -36.2271,
-0.4236


 75.4830, -36.2271,
-0.4236


 75.2550, -37.1007,
-0.2236

 77.1070, -32.5908,
-0.0938

 78.4320, -28.8070,
-0.3789

 80.0560, -25.1706,
-0.0491

 81.3810, -21.3868,
-0.3341

 83.0050, -17.7505,
-0.0044

■ 84.3300, -13.9667,
-0.2894

■ 85.9540, -10.3303,
0.0403

■ 87.2790, -6.5465,
-0.2447

■ 88.9030, -2.9102,
0.0851

Harmonies

Analogous

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



78.9640, -38.9293, 26.3416



75.4830, -36.2271, -0.4236



67.9200, -15.7366, -39.3948

Triad

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



75.4830, -36.2271, -0.4236



73.6000, 33.2282, -64.5472



82.0620, 6.3784, 54.3196

Complementary

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



75.4830, -36.2271, -0.4236



16.5170, 36.2271, 0.4236

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.



85.7950, 21.3001, 28.2438



75.4830, -36.2271, -0.4236



71.2010, 41.8059, -62.4433

Square

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



75.4830, -36.2271, -0.4236



71.2400, 19.1087, -62.4775



82.1360, 33.9500, -15.9053



79.6270, -10.6621, 59.9631

Rectangle

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



75.4830, -36.2271, -0.4236



64.9530, -2.4418, -56.9638



82.1360, 33.9500, -15.9053



83.3970, 11.6363, 47.8868

Sweetspot

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



75.4830, -36.2271, -0.4236



111.6290, -14.1141, 0.3254



37.1170, -17.3127, 46.3784



55.4100, -8.5831, -0.3596



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



75.4830, -36.2271, -0.4236



97.6820, -48.1572, -0.5981



62.3270, -29.7412, -27.4738



45.1310, -2.0366, -0.1149



91.7790, -45.2470, -0.6832



198.0220, -97.6248, -0.8963

Inverse Universe

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



16.5170, 36.2271, 0.4236



19.3180, 48.1572, 0.5981



29.6730, 29.7412, 27.4738



41.8690, 2.0366, 0.1149



18.2210, 45.2470, 0.6832



38.9780, 97.6248, 0.8963

Previews

White Background



This preview shows how the YUV color 75.4830, -36.2271, -0.4236 looks on a white background.

Color Contrast Check

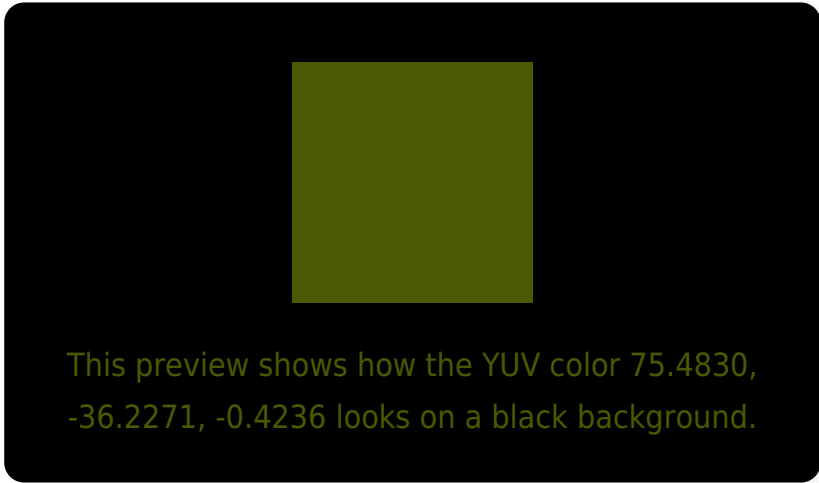
Large Text (above 18pt) WCAG AA ✓ Pass

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

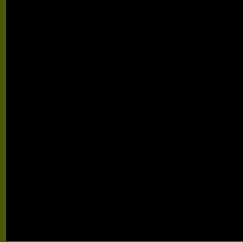
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.4830, -36.2271, -0.4236

Background



This preview shows how black text looks on a background with the YUV color 75.4830, -36.2271, -0.4236.



This preview shows how white text looks on a background with the YUV color 75.4830, -36.2271,

-0.4236.

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

75.4830, -36.2271, -0.4236

Protanopia

77.7130, -38.3125, 15.1607

Deuteranopia

79.8910, -31.4983, 22.8976



Tritanopia

84.0860, 2.9156, -1.8294

Trichromacy



Original Color

75.4830, -36.2271, -0.4236

Protanomaly

76.9080, -37.4226, 9.7277

Deuteranomaly

78.3800, -33.2183, 14.5757

Tritanomaly

80.7150, -11.1985, -1.5041

Monochromacy



Original Color

75.4830, -36.2271, -0.4236

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8570, -13.2405, 0.1254

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.4830, -36.2271, -0.4236 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(75, 90, 2)` looks like.

```
.text, #text, p{  
    color:rgb(75, 90, 2)  
}
```

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(75, 90, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 90, 2) }
```

Border

The CSS property to change the border of an element to YUV 75.4830, -36.2271, -0.4236 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(75, 90, 2) }
```


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

```
.border{ border-color:rgb(75, 90, 2) }
```

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

Here you see how a box with a 4 pixel rgb(75, 90, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 90, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 90, 2); box-shadow:4px  
4px 4px 4px rgb(75, 90, 2) }
```

Background

The CSS property to change the background color of an element to YUV 75.4830, -36.2271, -0.4236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 90, 2) }
```

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

```
.background{ background-color: rgb(75, 90,  
2) }
```

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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