

Converting Colors

YUV(44.3830, 49.6042, 3.1721)

Have a look what the booklet for
YUV(44.3830, 49.6042, 3.1721)
contains.

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Color

**YUV(44.3830, 49.6042,
3.1721)**

Conversions

Conversions Part 1

Format	Color
Hex	301791
RGB	48, 23, 145
RGB Percent	19%, 9%, 57%
CMY	0.8118, 0.9098, 0.4314
CMYK	0.67, 0.84, 0.00, 0.43
HSL	252°, 73%, 33%
HSV	252°, 84%, 57%
XYZ	6.6362, 3.2855, 27.0725
YIQ	44.3830, -24.2620, 43.2420

Conversions

Conversions Part 2

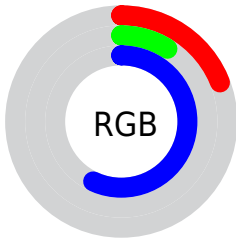
Format	Color
R_{YB}	48, 23, 145
Decimal	3151761
CIE _{Lab}	21.15, 45.75, -61.71
CIE _{LCh}	21, 76.814, 306.551
Yxy	3.2855, 0.1794, 0.0888
Android (android.graphics.Color)	4281341841 (0xFF301791)
YUV	44.3830, 49.6042, 3.1721
Hunter-Lab	18.1260, 33.6308, -75.8658

Details

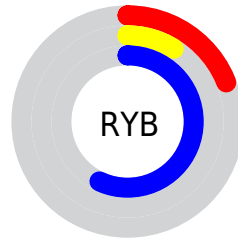
The YUV color **44.3830, 49.6042, 3.1721** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **123.6170, -49.6042, -3.1721**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.3560, 50.6035, 9.3348**, and **10.6020, 40.6222, -9.2980** is the 20% darker color. If you saturate the color by 10%, you get **32.5770, 55.4245, 3.0020**, and if you desaturate by 10%, it is **56.1890, 43.7838, 3.3422**.

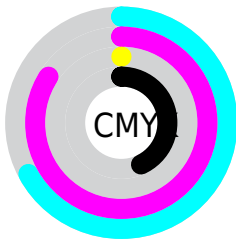
Distribution



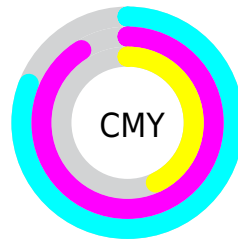
- Red (19%)
- Green (9%)
- Blue (57%)



- Red (19%)
- Yellow (9%)
- Blue (57%)



- Cyan (67%)
- Magenta (84%)
- Yellow (0%)
- Black (43%)



- Cyan (81%)
- Magenta (91%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.3830, 49.6042, 3.1721 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 44.3830, 49.6042, 3.1721 by changing the saturation by 10% instead.

■ 44.3830, 49.6042,
3.1721

■ 44.3830, 49.6042,
3.1721

■ 255.0000, 0.0000,
0.0000

■ 13.5660, 51.9790,
-11.8974

■ 97.3560, 50.6035,
9.3348

■ 10.6020, 40.6222,
-9.2980

■ 123.4210, 52.0504,
11.9088

■ 8.9260, 29.1235,
-7.8281

■ 150.3180, 51.6082,
13.7531

■ 6.8910, 18.7877,
-6.0434

■ 174.2510, 39.8093,
18.1969

■ 3.2090, 9.7570,
-2.8143

■ 199.6570, 27.2841,
22.2258

■ 0.0000, 0.0000,
0.0000

■ 224.1770, 15.1957,

26.1548

■ 241.4990, 6.6560,
11.8404

■ 44.3830, 49.6042,
3.1721

■ 44.3830, 49.6042,
3.1721

■ 32.5770, 55.4245,
3.0020

■ 56.1890, 43.7838,
3.3422

■ 25.5000, 58.9135,
3.9465

■ 68.2830, 37.8215,
2.3828

■ 80.0890, 32.0011,
2.5529

■ 92.1830, 26.0388,
1.5935

■ 104.5760, 19.9290,
1.2488

■ 116.0830, 14.2561,
0.8042

■ 127.8890, 8.4357,
0.9743

■ 139.9830, 2.4734,
0.0149

■ 152.3760, -3.6364,
-0.3298

Harmonies

Analogous

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



53.1980, 56.5974, -46.6546



44.3830, 49.6042, 3.1721



47.5360, 24.3858, 65.3049

Triad

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



44.3830, 49.6042, 3.1721



44.2650, -21.8226, 46.2486



47.6850, 7.5503, -41.8197

Complementary

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



44.3830, 49.6042, 3.1721



123.6170, -49.6042, -3.1721

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.



39.3290, -19.3892, -34.4915



44.3830, 49.6042, 3.1721



46.9580, -23.1503, 5.2988

Square

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



44.3830, 49.6042, 3.1721



38.5710, -19.0155, 79.3062



37.5680, -18.5210, -32.9471



55.2430, 31.4322, -48.4481

Rectangle

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



44.3830, 49.6042, 3.1721



48.1020, 5.8657, 78.8405



37.5680, -18.5210, -32.9471



45.4050, -1.1857, -39.8202

Sweetspot

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



44.3830, 49.6042, 3.1721



150.0490, 19.2028, 0.8340



94.4340, 24.9290, -62.6476



70.9860, 11.3459, 0.8893



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



44.3830, 49.6042, 3.1721



33.2070, 76.8059, 5.0805



62.3230, 40.7598, 40.0587



65.3960, 2.7628, 0.5297



23.7620, 54.8403, 3.7167



1.5100, 3.1996, 0.4297

Inverse Universe

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



70.5360, 24.3858, 65.3049



73.6110, 37.6598, 101.1962



105.6770, -40.7598, -40.0587



66.7770, 1.5889, 3.7036



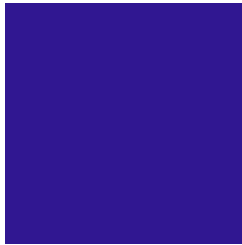
52.5630, 26.8374, 72.2972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 44.3830, 49.6042, 3.1721 looks on a white background.

Color Contrast Check

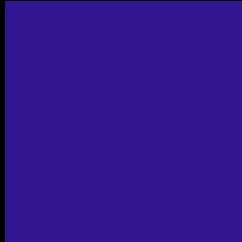
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.3830, 49.6042, 3.1721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

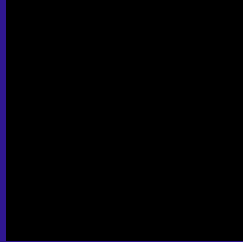
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.3830, 49.6042, 3.1721

Background



This preview shows how black text looks on a background with the YUV color 44.3830, 49.6042, 3.1721.



This preview shows how white text looks on a background with the YUV color 44.3830, 49.6042,

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

44.3830, 49.6042, 3.1721

Protanopia

41.3200, 31.3942, -36.2376

Deuteranopia

41.2570, 23.5373, -36.1824



Tritanopia

41.0000, 9.8600, -35.9570

Trichromacy



Original Color

44.3830, 49.6042, 3.1721

Protanomaly

42.2430, 38.3342, -22.1381

Deuteranomaly

42.1630, 32.9506, -22.0680

Tritanomaly

41.9860, 24.6569, -21.9127

Monochromacy



Original Color

44.3830, 49.6042, 3.1721

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.8210, 18.3292, 1.0340

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.3830, 49.6042, 3.1721 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(48, 23, 145)` looks like.

```
.text, #text, p{  
    color:rgb(48, 23, 145)  
}
```

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(48, 23, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 23, 145) }
```

Border

The CSS property to change the border of an element to YUV 44.3830, 49.6042, 3.1721 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(48, 23, 145) }
```


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

```
.border{ border-color:rgb(48, 23, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 23, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 23, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 23, 145);  
box-shadow:4px 4px 4px 4px rgb(48, 23,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 44.3830, 49.6042, 3.1721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 23, 145) }
```

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

```
.background{ background-color: rgb(48, 23,  
145) }
```

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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