

Converting Colors

YUV(59.8440, 30.1499,
-10.3872)

Have a look what the booklet for
YUV(59.8440, 30.1499, -10.3872)
contains.

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Color

**YUV(59.8440, 30.1499,
-10.3872)**

Conversions

Conversions Part 1

Format	Color
Hex	303679
RGB	48, 54, 121
RGB Percent	19%, 21%, 47%
CMY	0.8118, 0.7882, 0.5255
CMYK	0.60, 0.55, 0.00, 0.53
HSL	235°, 43%, 33%
HSV	235°, 60%, 47%
XYZ	5.9893, 4.6472, 18.6705
YIQ	59.8440, -25.0830, 19.5650

Conversions

Conversions Part 2

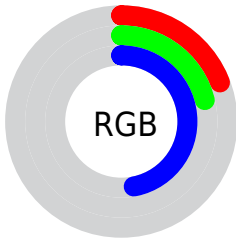
Format	Color
R_{YB}	48, 54, 121
Decimal	3159673
CIE _{Lab}	25.70, 19.20, -39.21
CIE _{LCh}	26, 43.658, 296.097
Yxy	4.6472, 0.2044, 0.1586
Android (android.graphics.Color)	4281349753 (0xFF303679)
YUV	59.8440, 30.1499, -10.3872
Hunter-Lab	21.5573, 11.8674, -36.2600




Details

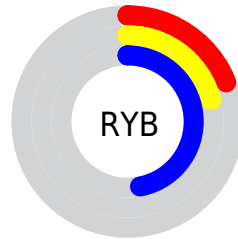
The YUV color **59.8440, 30.1499, -10.3872** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **109.1560, -30.1499, 10.3872**, and the grayscale version is **60.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **109.3220, 31.8863, -7.2984**, and **15.2520, 27.9768, -13.3760** is the 20% darker color. If you saturate the color by 10%, you get **49.7990, 35.1021, -12.1017**, and if you desaturate by 10%, it is **69.8890, 25.1977, -8.6727**.

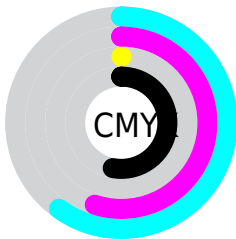
Distribution







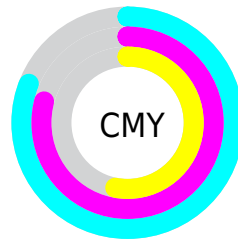
-  Red (19%)
-  Green (21%)
-  Blue (47%)






-  Red (19%)
-  Yellow (21%)
-  Blue (47%)



-  Cyan (60%)
-  Magenta (55%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (81%)
-  Magenta (79%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.8440, 30.1499, -10.3872 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 59.8440, 30.1499, -10.3872 by changing the saturation by 10% instead.

■ 59.8440, 30.1499,
-10.3872

■ 59.8440, 30.1499,
-10.3872

■ 255.0000, 0.0000,
0.0000

■ 35.3980, 29.8768,
-16.1350

■ 109.3220, 31.8863,
-7.2984

■ 15.2520, 27.9768,
-13.3760

■ 134.6750, 33.1912,
-5.8540

■ 7.3470, 20.5349,
-6.4433

■ 161.2020, 33.9174,
-5.4392

■ 3.6650, 11.5042,
-3.2142

■ 188.2730, 32.8964,
-4.6244

■ 0.0000, 0.0000,
0.0000

■ 213.0810, 20.6661,
-1.8250

■ 238.1880, 8.2883,

1.5891

■ 59.8440, 30.1499,
-10.3872

■ 59.8440, 30.1499,
-10.3872

■ 49.7990, 35.1021,
-12.1017

■ 69.8890, 25.1977,
-8.6727

■ 39.7540, 40.0543,
-13.8163

■ 79.9340, 20.2455,
-6.9581

■ 29.7090, 45.0065,
-15.5308

■ 89.9790, 15.2934,
-5.2436

■ 19.6640, 49.9586,
-17.2453

■ 100.0240, 10.3412,
-3.5290

■ 110.6560, 5.0996,
-2.3293

■ 121.0000, 0.0000,
0.0000

■ 131.0450, -4.9522,
1.7145

■ 141.0900, -9.9044,
3.4291

■ 151.1350,
-14.8566, 5.1436

Harmonies

Analogous

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



53.3340, 36.8103, -46.7739



59.8440, 30.1499, -10.3872



61.0080, 18.2371, 30.6880

Triad

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



59.8440, 30.1499, -10.3872



56.6250, -27.9161, 40.6709



50.2950, 2.3196, -44.1087

Complementary

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



59.8440, 30.1499, -10.3872



109.1560, -30.1499, 10.3872

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.



45.1310, -12.3896, -39.5799



59.8440, 30.1499, -10.3872



57.6670, -28.4298, 18.7090

Square

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



59.8440, 30.1499, -10.3872



54.7080, -10.2090, 54.6301



53.3820, -26.3173, -5.5970



54.1710, 17.1707, -47.5080

Rectangle

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



59.8440, 30.1499, -10.3872



57.0550, 10.3259, 48.1868



53.3820, -26.3173, -5.5970



48.4540, -2.1958, -42.4942

Sweetspot

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



59.8440, 30.1499, -10.3872



134.3660, 11.6516, -3.8290



98.4890, 8.1399, -44.2789



64.5250, 7.1362, -2.2144



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



59.8440, 30.1499, -10.3872



62.8660, 46.9011, -16.5455



65.2920, 27.4640, 11.1449



56.2710, 2.3314, -1.1147



20.1200, 51.7058, -17.6452



41.0550, 103.9959, -36.0052

Inverse Universe

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



70.5110, -8.1399, 44.2789



79.2260, -12.4364, 69.0848



103.7080, -27.4640, -11.1449



56.9080, -0.4476, 3.5887



38.5150, -14.0579, 75.8473



77.7420, -27.9738, 152.8243

Previews

White Background



This preview shows how the YUV color 59.8440, 30.1499, -10.3872 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 59.8440, 30.1499, -10.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

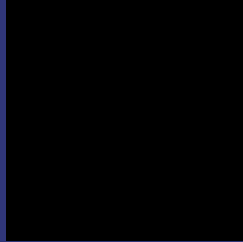
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.8440, 30.1499, -10.3872

Background



This preview shows how black text looks on a background with the YUV color 59.8440, 30.1499, -10.3872.



This preview shows how white text looks on a background with the YUV color 59.8440, 30.1499, -10.3872.

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

59.8440, 30.1499, -10.3872

Protanopia

48.8830, 37.5257, -42.8704

Deuteranopia

48.7060, 29.2319, -42.7152



Tritanopia

55.0120, 8.3751, -26.3205

Trichromacy



Original Color

59.8440, 30.1499, -10.3872

Protanomaly

52.6780, 35.1617, -31.2896

Deuteranomaly

52.5980, 29.7782, -31.2194

Tritanomaly

56.5210, 16.5051, -20.6279

Monochromacy



Original Color

59.8440, 30.1499, -10.3872

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.1380, 10.7780, -3.6290

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.8440, 30.1499, -10.3872 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, 54, 121)` looks like.

```
.text, #text, p{  
    color:rgb(48, 54, 121)  
}
```

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, 54, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 54, 121) }
```

Border

The CSS property to change the border of an element to YUV 59.8440, 30.1499, -10.3872 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, 54, 121) }
```


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

```
.border{ border-color:rgb(48, 54, 121) }
```

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

Here you see how a box with a 4 pixel rgb(48, 54, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 54, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 54, 121);  
box-shadow:4px 4px 4px 4px rgb(48, 54,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 59.8440, 30.1499, -10.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 54, 121) }
```

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

```
.background{ background-color: rgb(48, 54,  
121) }
```

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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