

Converting Colors

YUV(90.4370, 30.8436, 0.4938)

Have a look what the booklet for
YUV(90.4370, 30.8436, 0.4938)
contains.

YUV(90.4370, 30.8436, 0.4938)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(90.4370, 30.8436,
0.4938)**

Conversions

Conversions Part 1

Format	Color
Hex	5B4E99
RGB	91, 78, 153
RGB Percent	36%, 31%, 60%
CMY	0.6431, 0.6941, 0.4000
CMYK	0.41, 0.49, 0.00, 0.40
HSL	250°, 32%, 45%
HSV	250°, 49%, 60%
XYZ	12.7885, 9.9728, 31.3879
YIQ	90.4370, -16.3270, 26.0810

Conversions

Conversions Part 2

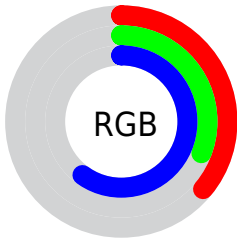
Format	Color
R_{YB}	91, 78, 153
Decimal	5983897
CIE _{Lab}	37.79, 24.34, -39.37
CIE _{LCh}	38, 46.288, 301.727
Yxy	9.9728, 0.2362, 0.1842
Android (android.graphics.Color)	4284173977 (0xFF5B4E99)
YUV	90.4370, 30.8436, 0.4938
Hunter-Lab	31.5798, 17.0207, -36.8239

Details

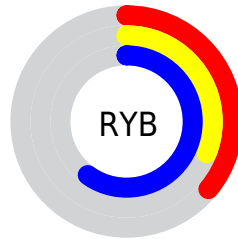
The YUV color **90.4370, 30.8436, 0.4938** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **140.5630, -30.8436, -0.4938**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.3170, 32.8747, 2.3530**, and **42.5460, 28.8178, -3.1098** is the 20% darker color. If you saturate the color by 10%, you get **77.7450, 37.1007, 0.2236**, and if you desaturate by 10%, it is **103.1290, 24.5864, 0.7639**.

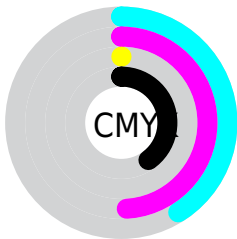
Distribution



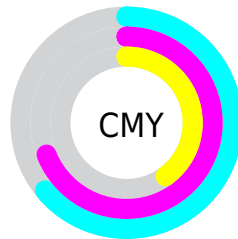
- Red (36%)
- Green (31%)
- Blue (60%)



- Red (36%)
- Yellow (31%)
- Blue (60%)



- Cyan (41%)
- Magenta (49%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (69%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.4370, 30.8436, 0.4938 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 90.4370, 30.8436, 0.4938 by changing the saturation by 10% instead.

■ 90.4370, 30.8436,
0.4938

■ 90.4370, 30.8436,
0.4938

■ 255.0000, 0.0000,
0.0000

■ 66.1980, 29.9754,
-1.0506

■ 141.3170, 32.8747,
2.3530

■ 42.5460, 28.8178,
-3.1098

■ 168.1430, 33.4535,
3.3826

■ 18.2030, 28.9869,
-10.7020

■ 194.5300, 29.8117,
4.7972

■ 6.1560, 23.5871,
-5.3988

■ 219.3380, 17.5814,
7.5966

■ 4.7080, 12.9620,
-4.1289

■ 243.8470, 5.4984,
9.7812

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 90.4370, 30.8436,
0.4938

■ 90.4370, 30.8436,
0.4938

■ 77.7450, 37.1007,
0.2236

■ 103.1290, 24.5864,
0.7639

■ 64.7650, 43.4999,
1.0831

■ 116.1090, 18.1873,
-0.0956

■ 52.0730, 49.7570,
0.8130

■ 128.8010, 11.9301,
0.1745

■ 39.3810, 56.0142,
0.5429

■ 141.4930, 5.6730,
0.4446

■ 26.9880, 62.1239,
0.8875

■ 154.4730, -0.7262,
-0.4148

■ 25.5150, 62.8501,
1.3023

■ 167.1650, -6.9833,
-0.1447

■ 179.8570,
-13.2405, 0.1254

■ 192.2500,
-19.3502, -0.2193

■ 205.5290,
-25.8968, -0.4639

Harmonies

Analogous

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



73.2870, 44.7215, -64.2727



90.4370, 30.8436, 0.4938



90.4220, 17.0470, 39.0949

Triad

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



90.4370, 30.8436, 0.4938



85.1970, -32.1421, 42.8002



72.4820, 8.6364, -63.5667

Complementary

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



90.4370, 30.8436, 0.4938



140.5630, -30.8436, -0.4938

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.



66.8620, -7.8200, -58.6380



90.4370, 30.8436, 0.4938



83.0510, -40.9441, 19.2493

Square

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



90.4370, 30.8436, 0.4938



85.7210, -16.6245, 59.0037



79.3830, -31.2478, -10.8599



76.7000, 24.7979, -67.2659

Rectangle

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



90.4370, 30.8436, 0.4938



87.1870, 6.8098, 55.9640



79.3830, -31.2478, -10.8599



71.0000, 2.9580, -62.2670

Sweetspot

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



90.4370, 30.8436, 0.4938



173.9150, 12.3669, 0.0745



122.9440, 14.8176, -39.4159



84.8350, 6.9833, 0.1447



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



90.4370, 30.8436, 0.4938



101.3180, 48.1572, 0.5981



101.5000, 25.3895, 23.2405



70.2110, 3.3470, -0.1850



23.1360, 57.6140, 0.7577



2.0800, 5.3836, -0.0702

Inverse Universe

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



107.4930, 16.0260, 39.9096



128.0410, 25.1228, 62.2310



129.5000, -25.3895, -23.2405



72.0760, 1.4415, 4.3183



55.0840, 30.0316, 74.4713



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 90.4370, 30.8436, 0.4938 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 90.4370, 30.8436, 0.4938 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 90.4370, 30.8436, 0.4938

Background



This preview shows how black text looks on a background with the YUV color 90.4370, 30.8436, 0.4938.



This preview shows how white text looks on a background with the YUV color 90.4370, 30.8436,

0.4938.

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

90.4370, 30.8436, 0.4938

Protanopia

84.9710, 37.4823, -28.9156

Deuteranopia

83.3850, 32.8412, -33.6636



Tritanopia

87.9110, 4.9739, -8.6919

Trichromacy



Original Color

90.4370, 30.8436, 0.4938

Protanomaly

87.0540, 34.9764, -18.4644

Deuteranomaly

86.2340, 31.9296, -21.2532

Tritanomaly

88.7510, 14.4198, -5.0436

Monochromacy



Original Color

90.4370, 30.8436, 0.4938

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2740, 11.2039, -0.2403

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.4370, 30.8436, 0.4938 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(91, 78, 153)` looks like.

```
.text, #text, p{  
    color:rgb(91, 78, 153)  
}
```

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(91, 78, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 78, 153) }
```

Border

The CSS property to change the border of an element to YUV 90.4370, 30.8436, 0.4938 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(91, 78, 153) }
```


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

```
.border{ border-color:rgb(91, 78, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 78, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 78, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 78, 153);  
box-shadow:4px 4px 4px 4px rgb(91, 78,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 90.4370, 30.8436, 0.4938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 78, 153) }
```

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

```
.background{ background-color: rgb(91, 78,  
153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor