

Converting Colors

YUV(48.3090, 31.3997,
-37.9820)

Have a look what the booklet for
YUV(48.3090, 31.3997, -37.9820)
contains.

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Color

**YUV(48.3090, 31.3997,
-37.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	053A70
RGB	5, 58, 112
RGB Percent	2%, 23%, 44%
CMY	0.9804, 0.7725, 0.5608
CMYK	0.96, 0.48, 0.00, 0.56
HSL	210°, 91%, 23%
HSV	210°, 96%, 44%
XYZ	4.5003, 4.2282, 15.9082
YIQ	48.3090, -48.9220, 5.5580

Conversions

Conversions Part 2

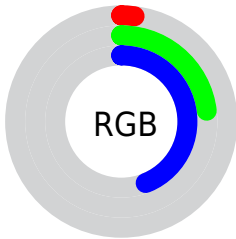
Format	Color
R_{YB}	5, 40, 112
Decimal	342640
CIE Lab	24.41, 6.70, -35.66
CIE LCh	24, 36.285, 280.634
Yxy	4.2282, 0.1827, 0.1716
Android (android.graphics.Color)	4278532720 (0xFF053A70)
YUV	48.3090, 31.3997, -37.9820
Hunter-Lab	20.5627, 3.0813, -31.4755

Details

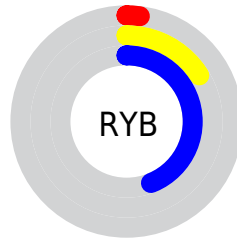
The YUV color **48.3090, 31.3997, -37.9820** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **68.6910, -31.3997, 37.9820**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.1580, 30.4881, -25.5716**, and **16.6880, 23.3248, -14.6354** is the 20% darker color. If you saturate the color by 10%, you get **45.0530, 33.0049, -39.5115**, and if you desaturate by 10%, it is **55.1200, 28.0418, -34.3082**.

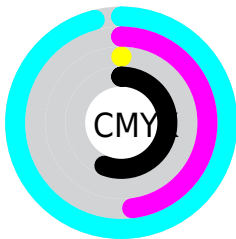
Distribution



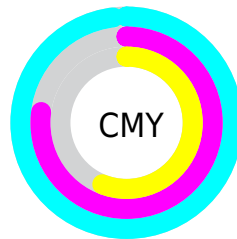
- Red (2%)
- Green (23%)
- Blue (44%)



- Red (2%)
- Yellow (16%)
- Blue (44%)



- Cyan (96%)
- Magenta (48%)
- Yellow (0%)
- Black (56%)



- Cyan (98%)
- Magenta (77%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.3090, 31.3997, -37.9820 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 48.3090, 31.3997, -37.9820 by changing the saturation by 10% instead.

■ 48.3090, 31.3997,
-37.9820

■ 48.3090, 31.3997,
-37.9820

■ 255.0000, 0.0000,
0.0000

■ 31.6370, 27.2940,
-27.7456

■ 102.1580, 30.4881,
-25.5716

■ 16.6880, 23.3248,
-14.6354

■ 128.0980, 31.5037,
-24.6419

■ 6.4350, 17.0405,
-5.6435

■ 154.3370, 32.3719,
-23.0975

■ 2.7530, 8.0098,
-2.4144

■ 181.4510, 32.8087,
-23.1975

■ 0.0000, 0.0000,
0.0000

■ 207.3560, 23.4885,
-20.4832

■ 232.1640, 11.2581,

-17.6838

251.1130, 1.9163,
-7.9921

48.3090, 31.3997,
-37.9820

48.3090, 31.3997,
-37.9820

45.0530, 33.0049,
-39.5115

55.1200, 28.0418,
-34.3082

61.3440, 24.9734,
-30.1197

68.4540, 21.4682,
-25.8312

75.2650, 18.1104,
-22.1574

81.4890, 15.0419,
-17.9689

■ 88.3000, 11.6841,
-14.2951

■ 95.1110, 8.3263,
-10.6213

■ 101.6340, 5.1104,
-5.8180

■ 108.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



51.2820, 28.9480, -44.9743



48.3090, 31.3997, -37.9820



59.6310, 19.9019, 9.9706

Triad

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



48.3090, 31.3997, -37.9820



55.2410, -15.4018, 40.1306



44.9490, -2.9329, -39.4203

Complementary

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



48.3090, 31.3997, -37.9820



68.6910, -31.3997, 37.9820

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.



49.3790, -18.4278, -16.1184



48.3090, 31.3997, -37.9820



54.7650, -26.9991, 26.5161

Square

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



48.3090, 31.3997, -37.9820



55.1890, -3.0512, 45.4382



53.7580, -26.5027, 7.2282



49.3150, 8.7187, -43.2493

Rectangle

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



48.3090, 31.3997, -37.9820



58.6180, 13.0063, 28.3990



53.7580, -26.5027, 7.2282



43.9230, -6.8640, -38.5205

Sweetspot

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



48.3090, 31.3997, -37.9820



120.1150, 12.2683, -15.0099



73.9650, -7.3777, -60.4823



58.5950, 7.5947, -9.2918



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



48.3090, 31.3997, -37.9820



58.7940, 42.4996, -51.5623



17.1980, 46.7374, -10.6976



52.4450, 1.7526, -2.1443



48.3130, 35.3417, -42.3705



100.3590, 72.2940, -88.0148

Inverse Universe

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



43.0350, 7.3777, 60.4823



51.5630, 10.0754, 81.9442



99.8020, -46.7374, 10.6976



52.1360, 0.4260, 3.3887



42.6060, 8.0822, 67.8745



87.8750, 17.3166, 139.5526

Previews

White Background



This preview shows how the YUV color 48.3090, 31.3997, -37.9820 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 48.3090, 31.3997, -37.9820 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 48.3090, 31.3997, -37.9820

Background



This preview shows how black text looks on a background with the YUV color 48.3090, 31.3997, -37.9820.



This preview shows how white text looks on a background with the YUV color 48.3090, 31.3997, -37.9820.

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

48.3090, 31.3997, -37.9820

Protanopia

54.6700, 27.2777, -22.5126

Deuteranopia

47.0760, 28.0635, -41.2857



Tritanopia

46.0210, 11.3286, -40.3604

Trichromacy



Original Color

48.3090, 31.3997, -37.9820

Protanomaly

52.0930, 29.0412, -28.1456

Deuteranomaly

47.4290, 29.3685, -39.8412

Tritanomaly

46.6820, 18.8908, -39.1861

Monochromacy



Original Color

48.3090, 31.3997, -37.9820

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1860, 11.2473, -14.1951

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.3090, 31.3997, -37.9820 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(5, 58, 112)` looks like.

```
.text, #text, p{  
    color:rgb(5, 58, 112)  
}
```

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(5, 58, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 58, 112) }
```

Border

The CSS property to change the border of an element to YUV 48.3090, 31.3997, -37.9820 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(5, 58, 112) }
```


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

```
.border{ border-color:rgb(5, 58, 112) }
```

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

Here you see how a box with a 4 pixel rgb(5, 58, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 58, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 58, 112);  
box-shadow:4px 4px 4px 4px rgb(5, 58, 112)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.3090, 31.3997, -37.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 58, 112) }
```

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

```
.background{ background-color: rgb(5, 58,  
112) }
```

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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