

Converting Colors

YUV(51.0930, 15.7302, -5.3436)

Have a look what the booklet for
YUV(51.0930, 15.7302, -5.3436)
contains.

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Color

**YUV(51.0930, 15.7302,
-5.3436)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2D3053 |
| RGB | 45, 48, 83 |
| RGB Percent | 18%, 19%, 33% |
| CMY | 0.8235, 0.8118, 0.6745 |
| CMYK | 0.46, 0.42, 0.00, 0.67 |
| HSL | 235°, 30%, 25% |
| HSV | 235°, 46%, 33% |
| XYZ | 3.7005, 3.2963, 8.6248 |
| YIQ | 51.0930, -13.0230, 10.2490 |

Conversions

Conversions Part 2

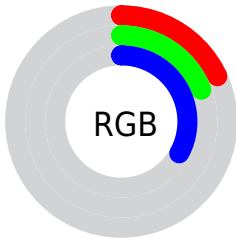
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 45, 48, 83 |
| Decimal | 2961491 |
| CIE Lab | 21.19, 9.15, -21.77 |
| CIE LCh | 21, 23.610, 292.792 |
| Yxy | 3.2963, 0.2369, 0.2110 |
| Android (android.graphics.Color) | 4281151571 (0xFF2D3053) |
| YUV | 51.0930, 15.7302, -5.3436 |
| Hunter-Lab | 18.1558, 4.6089, -15.4564 |

Details

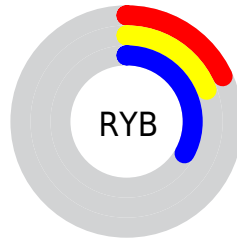
The YUV color **51.0930, 15.7302, -5.3436** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **76.9070, -15.7302, 5.3436**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.1470, 17.1825, -4.5139**, and **4.3320, 16.5983, -3.7992** is the 20% darker color. If you saturate the color by 10%, you get **44.0050, 19.2245, -6.1434**, and if you desaturate by 10%, it is **58.1810, 12.2358, -4.5437**.

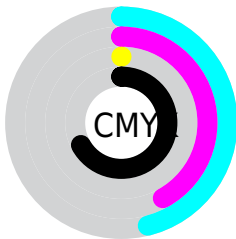
Distribution



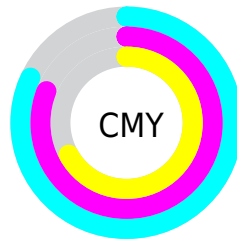
- Red (18%)
- Green (19%)
- Blue (33%)



- Red (18%)
- Yellow (19%)
- Blue (33%)



- Cyan (46%)
- Magenta (42%)
- Yellow (0%)
- Black (67%)



- Cyan (82%)
- Magenta (81%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.0930, 15.7302, -5.3436 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 51.0930, 15.7302, -5.3436 by changing the saturation by 10% instead.

■ 51.0930, 15.7302,
-5.3436

■ 51.0930, 15.7302,
-5.3436

■ 255.0000, 0.0000,
0.0000

■ 29.2670, 15.1514,
-6.3732

■ 98.1470, 17.1825,
-4.5139

■ 4.3320, 16.5983,
-3.7992

■ 123.2610, 17.6193,
-4.6139

■ 2.2970, 6.2626,
-2.0145

■ 148.7880, 18.3455,
-4.1991

■ 0.0000, 0.0000,
0.0000

■ 175.9020, 18.7823,
-4.2991

■ 203.3150, 19.0717,
-3.7843

■ 229.6050, 12.5197,

-2.2846

254.4130, 0.2894,
0.5148

■ 51.0930, 15.7302,
-5.3436

■ 51.0930, 15.7302,
-5.3436

■ 44.0050, 19.2245,
-6.1434

■ 58.1810, 12.2358,
-4.5437

■ 37.2050, 22.5769,
-8.0728

■ 64.9810, 8.8834,
-2.6143

■ 30.1170, 26.0713,
-8.8726

■ 72.0690, 5.3890,
-1.8145

■ 23.0290, 29.5657,
-9.6724

■ 79.1570, 1.8946,
-1.0147

■ 16.2290, 32.9181,
-11.6018

■ 85.6580, -1.3104,
0.2999

■ 13.5710, 34.2285,
-11.9018

■ 93.0450, -4.9522,
1.7145

■ 100.1330, -8.4466,
2.5144

■ 106.6340,
-11.6516, 3.8290

■ 114.0210,
-15.2934, 5.2436

Harmonies

Analogous

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



41.3880, 21.5007, -36.2973



51.0930, 15.7302, -5.3436



52.6070, 9.5607, 13.4997

Triad

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



51.0930, 15.7302, -5.3436



50.4130, -13.0216, 23.3168



39.8770, 3.0186, -34.9721

Complementary

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



51.0930, 15.7302, -5.3436



76.9070, -15.7302, 5.3436

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.



45.4250, -8.0975, -16.1587



51.0930, 15.7302, -5.3436



49.6090, -17.0622, 12.6209

Square

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



51.0930, 15.7302, -5.3436



50.8680, -6.3439, 28.1798



47.9880, -15.2771, 0.0105



42.5160, 10.5916, -37.2865

Rectangle

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



51.0930, 15.7302, -5.3436



52.1090, 4.8763, 22.7064



47.9880, -15.2771, 0.0105



40.3890, -0.1918, -31.9132

Sweetspot

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



51.0930, 15.7302, -5.3436



94.2970, 6.2626, -2.0145



71.2960, 4.2911, -23.0616



45.7270, 4.0786, -1.5146



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



51.0930, 15.7302, -5.3436



57.6610, 24.3241, -8.4727



54.1160, 14.2398, 6.0373



37.4560, 1.7472, -0.3999



16.6660, 43.5487, -14.6161



37.0140, 96.1281, -32.4613

Inverse Universe

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



56.7040, -4.2911, 23.0616



66.2110, -6.5130, 35.7720



73.8840, -14.2398, -6.0373



38.1960, -0.5896, 2.4591



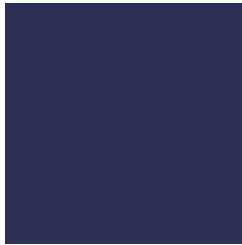
32.3070, -11.9834, 63.7518



71.4200, -26.3361, 140.8287

Previews

White Background



This preview shows how the YUV color 51.0930, 15.7302, -5.3436 looks on a white background.

Color Contrast Check

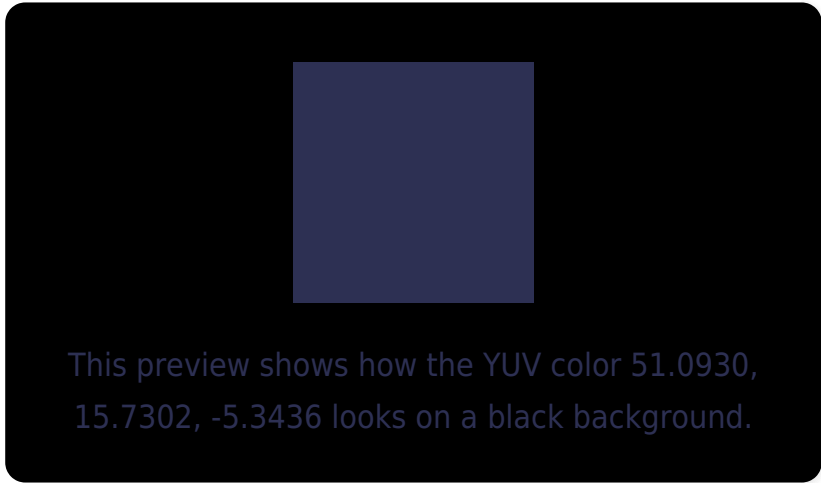
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.0930, 15.7302, -5.3436

Background



This preview shows how black text looks on a background with the YUV color 51.0930, 15.7302, -5.3436.



This preview shows how white text looks on a background with the YUV color 51.0930, 15.7302,

-5.3436.

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

51.0930, 15.7302, -5.3436

Protanopia

50.1030, 17.2042, -11.4913

Deuteranopia

48.8530, 16.3415, -14.7801



Tritanopia

49.6720, 4.1057, -10.2363

Trichromacy



Original Color

51.0930, 15.7302, -5.3436

Protanomaly

50.2990, 16.6146, -9.0322

Deuteranomaly

49.7610, 15.8938, -11.1914

Tritanomaly

50.4210, 8.1734, -8.2622

Monochromacy



Original Color

51.0930, 15.7302, -5.3436

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1830, 5.8258, -1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0930, 15.7302, -5.3436 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(45, 48, 83)` looks like.

```
.text, #text, p{  
    color:rgb(45, 48, 83)  
}
```

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(45, 48, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 48, 83) }
```

Border

The CSS property to change the border of an element to YUV 51.0930, 15.7302, -5.3436 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(45, 48, 83) }
```


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

```
.border{ border-color:rgb(45, 48, 83) }
```

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

Here you see how a box with a 4 pixel rgb(45, 48, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 48, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 48, 83);  
box-shadow:4px 4px 4px 4px rgb(45, 48, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.0930, 15.7302, -5.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 48, 83) }
```

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

```
.background{ background-color: rgb(45, 48,  
83) }
```

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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