

Converting Colors

YUV(131.9490, 31.0841,
16.7077)

Have a look what the booklet for
YUV(131.9490, 31.0841, 16.7077)
contains.

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Color

**YUV(131.9490, 31.0841,
16.7077)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 976EC3 |
| RGB | 151, 110, 195 |
| RGB Percent | 59%, 43%, 76% |
| CMY | 0.4078, 0.5686, 0.2353 |
| CMYK | 0.23, 0.44, 0.00, 0.24 |
| HSL | 269°, 41%, 60% |
| HSV | 269°, 44%, 76% |
| XYZ | 28.1888, 21.6713, 54.3270 |
| YIQ | 131.9490, -2.8490, 35.1270 |

Conversions

Conversions Part 2

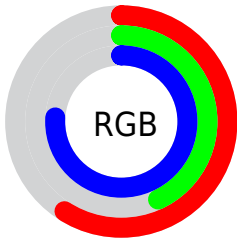
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 151, 110, 195 |
| Decimal | 9924291 |
| CIE _{Lab} | 53.68, 33.11, -38.50 |
| CIE _{LCh} | 54, 50.776, 310.697 |
| Yxy | 21.6713, 0.2706, 0.2080 |
| Android (android.graphics.Color) | 4288114371 (0xFF976EC3) |
| YUV | 131.9490, 31.0841, 16.7077 |
| Hunter-Lab | 46.5524, 26.6198, -36.6051 |

Details

The YUV color **131.9490, 31.0841, 16.7077** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **173.0510, -31.0841, -16.7077**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7150, 32.6785, 18.6669**, and **81.1830, 29.4898, 14.7485** is the 20% darker color. If you saturate the color by 10%, you get **117.8060, 38.0566, 20.3411**, and if you desaturate by 10%, it is **146.6790, 23.8223, 12.5595**.

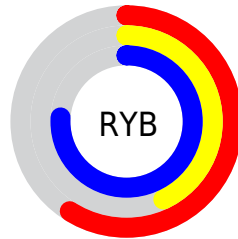
Distribution



Red (59%)

Green (43%)

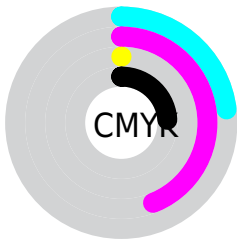
Blue (76%)



Red (59%)

Yellow (43%)

Blue (76%)

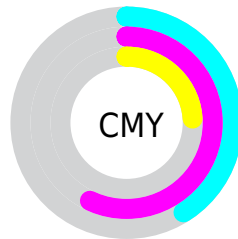


Cyan (23%)

Magenta (44%)

Yellow (0%)

Black (24%)



Cyan (41%)

Magenta (57%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.9490, 31.0841, 16.7077 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 131.9490, 31.0841, 16.7077 by changing the saturation by 10% instead.

■ 131.9490, 31.0841,
16.7077

■ 131.9490, 31.0841,
16.7077

255.0000, 0.0000,
0.0000

■ 106.1230, 30.5054,
15.6781

■ 185.7150, 32.6785,
18.6669

■ 81.1830, 29.4898,
14.7485

■ 210.8650, 21.7586,
21.1664

■ 56.9440, 28.6216,
13.2041

■ 233.2810, 10.7075,
19.0476

■ 33.1180, 28.0428,
12.1745

■ 249.7170, 2.6045,
4.6332

■ 14.4010, 25.4383,
7.5413

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 131.9490, 31.0841,
16.7077

■ 131.9490, 31.0841,
16.7077

■ 117.8060, 38.0566,
20.3411

■ 146.6790, 23.8223,
12.5595

■ 103.0760, 45.3185,
24.4893

■ 160.8220, 16.8498,
8.9261

■ 88.3460, 52.5804,
28.6376

■ 175.5520, 9.5879,
4.7779

■ 74.2030, 59.5529,
32.2710

■ 189.6950, 2.6154,
1.1445

■ 59.4730, 66.8148,
36.4192

■ 203.8380, -4.3571,
-2.4889

■ 50.3360, 71.3194,
38.2933

■ 218.8670,
-11.7664, -6.0224

■ 233.0100,
-18.7389, -9.6558

■ 241.2830,
-22.8175, -8.1412

■ 244.2730,
-24.2916, -1.9934

Harmonies

Analogous

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



121.0600, 45.8194, -43.0256



131.9490, 31.0841, 16.7077



130.3100, 13.6512, 54.9791

Triad

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



131.9490, 31.0841, 16.7077



125.2050, -41.0201, 43.6702



104.3520, 19.0535, -91.5167

Complementary

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



131.9490, 31.0841, 16.7077



173.0510, -31.0841, -16.7077

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.



98.0480, -0.0237, -85.9881



131.9490, 31.0841, 16.7077



121.7360, -43.2538, 13.3865

Square

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



131.9490, 31.0841, 16.7077



126.2350, -26.2449, 64.6919



116.5770, -28.8785, -24.1850



107.8520, 37.5410, -94.5862

Rectangle

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



131.9490, 31.0841, 16.7077



127.9560, 0.5147, 68.4446



116.5770, -28.8785, -24.1850



102.0550, 12.7909, -89.5022

Sweetspot

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



131.9490, 31.0841, 16.7077



228.1330, 11.7664, 6.0224



146.1050, 24.1052, -31.6641



112.3840, 7.6987, 4.0482



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



131.9490, 31.0841, 16.7077



154.7710, 47.9339, 25.6338



144.2080, 25.0405, 41.9136



89.6350, 3.6309, 2.0741



41.3770, 58.9741, 31.2414



8.5460, 12.0558, 6.5372

Inverse Universe

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



140.4310, 6.6895, 47.8570



167.9210, 10.3919, 73.7373



160.7920, -25.0405, -41.9136



90.5600, 0.7099, 5.6479



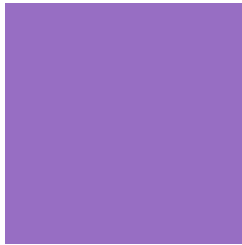
57.6010, 12.5217, 90.6809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 131.9490, 31.0841, 16.7077 looks on a white background.

Color Contrast Check

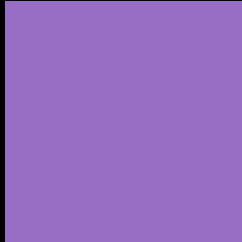
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 131.9490, 31.0841, 16.7077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

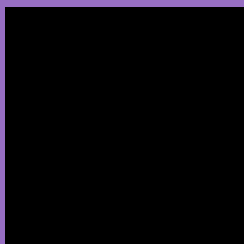
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.9490, 31.0841, 16.7077

Background



This preview shows how black text looks on a background with the YUV color 131.9490, 31.0841, 16.7077.



This preview shows how white text looks on a background with the YUV color 131.9490, 31.0841,

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

131.9490, 31.0841, 16.7077

Protanopia

126.4920, 40.6764, -26.7415

Deuteranopia

126.8100, 31.6457, -23.5124



Tritanopia

129.8100, 1.5727, 8.9366

Trichromacy



Original Color

131.9490, 31.0841, 16.7077

Protanomaly

128.3800, 37.2807, -10.8573

Deuteranomaly

128.4960, 31.3075, -8.3280

Tritanomaly

130.6930, 12.4764, 11.6702

Monochromacy



Original Color

131.9490, 31.0841, 16.7077

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

132.0190, 11.3296, 6.1223

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.9490, 31.0841, 16.7077 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(151, 110, 195)` looks like.

```
.text, #text, p{  
    color:rgb(151, 110, 195)  
}
```

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(151, 110, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 110, 195) }
```

Border

The CSS property to change the border of an element to YUV 131.9490, 31.0841, 16.7077 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(151, 110, 195) }
```


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

```
.border{ border-color:rgb(151, 110, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 110, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 110, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 110, 195);  
box-shadow:4px 4px 4px 4px rgb(151, 110,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 131.9490, 31.0841, 16.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 110, 195) }
```

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

```
.background{ background-color: rgb(151,  
110, 195) }
```

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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