

Converting Colors

YUV(131.1940, 16.1734,
39.2949)

Have a look what the booklet for
YUV(131.1940, 16.1734, 39.2949)
contains.

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Color

**YUV(131.1940, 16.1734,
39.2949)**

Conversions

Conversions Part 1

Format	Color
Hex	B066A4
RGB	176, 102, 164
RGB Percent	69%, 40%, 64%
CMY	0.3098, 0.6000, 0.3569
CMYK	0.00, 0.42, 0.07, 0.31
HSL	310°, 32%, 55%
HSV	310°, 42%, 69%
XYZ	29.3567, 21.4132, 37.7078
YIQ	131.1940, 24.2020, 34.9700

Conversions

Conversions Part 2

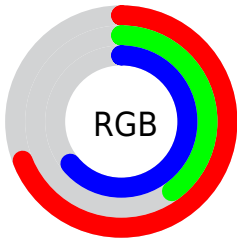
Format	Color
R _Y B	176, 102, 164
Decimal	11560612
CIE Lab	53.40, 38.85, -20.80
CIE LCh	53, 44.065, 331.839
Yxy	21.4132, 0.3318, 0.2420
Android (android.graphics.Color)	4289750692 (0xFFB066A4)
YUV	131.1940, 16.1734, 39.2949
Hunter-Lab	46.2744, 32.2612, -15.9219

Details

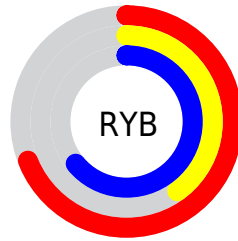
The YUV color **131.1940, 16.1734, 39.2949** is a light color, and the websafe version is hex **996699**. A complement of this color would be **146.8060, -16.1734, -39.2949**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.6180, 16.4573, 41.5540**, and **79.7700, 15.8894, 37.0357** is the 20% darker color. If you saturate the color by 10%, you get **120.2860, 20.0720, 48.8612**, and if you desaturate by 10%, it is **142.1020, 12.2747, 29.7285**.

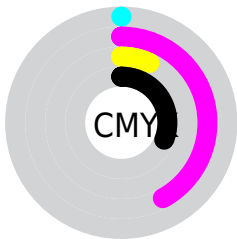
Distribution



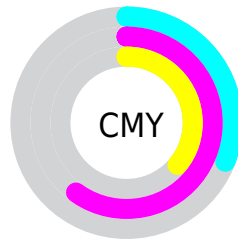
- Red (69%)
- Green (40%)
- Blue (64%)



- Red (69%)
- Yellow (40%)
- Blue (64%)



- Cyan (0%)
- Magenta (42%)
- Yellow (7%)
- Black (31%)





- Cyan (31%)
- Magenta (60%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.1940, 16.1734, 39.2949 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 131.1940, 16.1734, 39.2949 by changing the saturation by 10% instead.

 131.1940, 16.1734,
39.2949


 131.1940, 16.1734,
39.2949


255.0000, 0.0000,
0.0000


 105.4820, 16.0314,
38.1653


 185.6180, 16.4573,
41.5540


 79.7700, 15.8894,
37.0357


 211.3510, 18.0680,
38.2802


 53.8840, 16.3262,
36.9357

 228.5850, 13.0226,
23.1660

 28.2260, 17.6366,
36.6358

 245.6080, 4.6303,
8.2368

 18.8410, 11.4174,
24.6954

 6.7650, 6.5249,
7.2221

 0.0000, 0.0000,

0.0000

131.1940, 16.1734,
39.2949

131.1940, 16.1734,
39.2949

120.2860, 20.0720,
48.8612

142.1020, 12.2747,
29.7285

109.9650, 23.6813,
57.9127

152.4230, 8.6655,
20.6770

99.0570, 27.5799,
67.4790

163.3310, 4.7668,
11.1107

88.8500, 31.6260,
76.4306

173.5380, 0.7208,
2.1592

77.9420, 35.5246,
85.9969

184.4460, -3.1779,
-7.4071

69.3820, 38.2657,
93.5040

195.3540, -7.0765,
-16.9735

■ 205.6750,
-10.6858, -26.0250

■ 216.5830,
-14.5844, -35.5913

■ 223.9690,
-16.7467, -42.0688

Harmonies

Analogous

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



130.3340, 30.4013, 2.3381



131.1940, 16.1734, 39.2949



128.8470, -0.9106, 58.8932

Triad

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



131.1940, 16.1734, 39.2949



123.3870, -37.1658, 20.7086



104.6260, 30.2574, -91.7570

Complementary

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



131.1940, 16.1734, 39.2949



146.8060, -16.1734, -39.2949

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.



100.4080, 14.0959, -88.0578



131.1940, 16.1734, 39.2949



119.5510, -29.3586, -10.1302

Square

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



131.1940, 16.1734, 39.2949



125.6210, -31.8582, 45.0594



111.5320, -10.6153, -48.7016



104.8830, 43.9347, -91.9824

Rectangle

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



131.1940, 16.1734, 39.2949



127.0680, -12.8515, 62.2074



111.5320, -10.6153, -48.7016



103.3720, 25.4526, -90.6572

Sweetspot

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



131.1940, 16.1734, 39.2949



211.8200, 6.4977, 15.9439



113.7250, 30.7016, -0.6358



103.5050, 4.1880, 10.0811



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



131.1940, 16.1734, 39.2949



160.3290, 24.9808, 61.1015



127.0900, 0.4486, 42.8941



83.6030, 2.1677, 4.7332



60.3390, 33.3569, 81.2637



10.1680, 5.3402, 13.8847

Inverse Universe

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



131.1940, 16.1734, 39.2949



160.3290, 24.9808, 61.1015



150.9100, -0.4486, -42.8941



83.6030, 2.1677, 4.7332



60.3390, 33.3569, 81.2637



10.1680, 5.3402, 13.8847

Previews

White Background



This preview shows how the YUV color 131.1940, 16.1734, 39.2949 looks on a white background.

Color Contrast Check

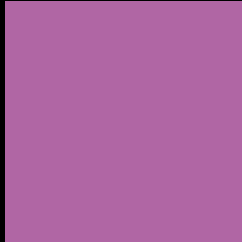
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.1940, 16.1734, 39.2949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

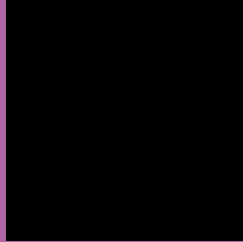
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.1940, 16.1734, 39.2949

Background



This preview shows how black text looks on a background with the YUV color 131.1940, 16.1734, 39.2949.



This preview shows how white text looks on a background with the YUV color 131.1940, 16.1734,

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

131.1940, 16.1734, 39.2949

Protanopia

127.6000, 26.8192, -15.4352

Deuteranopia

128.6910, 15.4353, -4.1140



Tritanopia

129.9660, -4.9132, 35.9868

Trichromacy



Original Color

131.1940, 16.1734, 39.2949

Protanomaly

128.6950, 22.8284, 4.6525

Deuteranomaly

129.7900, 15.3865, 11.5852

Tritanomaly

130.6270, 2.6489, 37.1611

Monochromacy



Original Color

131.1940, 16.1734, 39.2949

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.6950, 6.0664, 14.2995

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.1940, 16.1734, 39.2949 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(176, 102, 164)` looks like.

```
.text, #text, p{  
    color:rgb(176, 102, 164)  
}
```

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(176, 102, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 102, 164) }
```

Border

The CSS property to change the border of an element to YUV 131.1940, 16.1734, 39.2949 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(176, 102, 164) }
```


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

```
.border{ border-color:rgb(176, 102, 164) }
```

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

Here you see how a box with a 4 pixel rgb(176, 102, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 102, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 102, 164);  
box-shadow:4px 4px 4px 4px rgb(176, 102,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 131.1940, 16.1734, 39.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 102, 164) }
```

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

```
.background{ background-color: rgb(176,  
102, 164) }
```

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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