

Converting Colors

YUV(148.6490, 19.4000,
31.0028)

Have a look what the booklet for
YUV(148.6490, 19.4000, 31.0028)
contains.

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Color

**YUV(148.6490, 19.4000,
31.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	B87BBC
RGB	184, 123, 188
RGB Percent	72%, 48%, 74%
CMY	0.2784, 0.5176, 0.2627
CMYK	0.02, 0.35, 0.00, 0.26
HSL	296°, 33%, 61%
HSV	296°, 35%, 74%
XYZ	35.9272, 27.9871, 51.0854
YIQ	148.6490, 15.4910, 33.1470

Conversions

Conversions Part 2

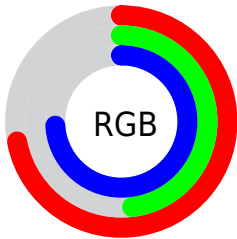
Format	Color
RYB	184, 123, 188
Decimal	12090300
CIELab	59.88, 34.46, -24.59
CIELCh	60, 42.334, 324.496
Yxy	27.9871, 0.3124, 0.2434
Android (android.graphics.Color)	4290280380 (0xFFB87BBC)
YUV	148.6490, 19.4000, 31.0028
Hunter-Lab	52.9028, 28.6424, -20.2212

Details

The YUV color **148.6490, 19.4000, 31.0028** is a light color, and the websafe version is hex **996699**. A complement of this color would be **162.3510, -19.4000, -31.0028**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.1870, 20.1208, 33.1620**, and **97.1110, 18.6793, 28.8437** is the 20% darker color. If you saturate the color by 10%, you get **137.1970, 25.0459, 40.1692**, and if you desaturate by 10%, it is **160.1010, 13.7542, 21.8364**.

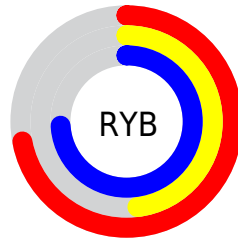
Distribution



Red (72%)

Green (48%)

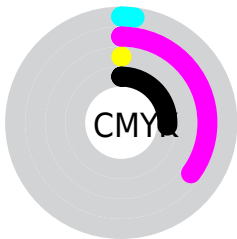
Blue (74%)



Red (72%)

Yellow (48%)

Blue (74%)

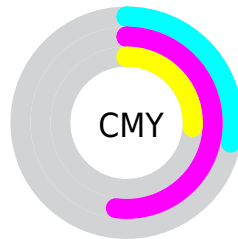


Cyan (2%)

Magenta (35%)

Yellow (0%)

Black (26%)



Cyan (28%)

Magenta (52%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.6490, 19.4000, 31.0028 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 148.6490, 19.4000, 31.0028 by changing the saturation by 10% instead.


 148.6490, 19.4000,
31.0028


 148.6490, 19.4000,
31.0028


255.0000, 0.0000,
0.0000

 122.2360, 19.1107,
30.4880


 203.1870, 20.1208,
33.1620


 97.1110, 18.6793,
28.8437


 225.0630, 14.7589,
26.2547

 71.6980, 18.3899,
28.3289

 242.0860, 6.3666,
11.3256

 47.3990, 18.5373,
27.7141

 23.1000, 18.6847,
27.0993

 15.2100, 11.7285,
18.2328

 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 148.6490, 19.4000,
31.0028

■ 148.6490, 19.4000,
31.0028

■ 137.1970, 25.0459,
40.1692

■ 160.1010, 13.7542,
21.8364

■ 125.7450, 30.6917,
49.3356

■ 171.5530, 8.1084,
12.6700

■ 114.8800, 36.0482,
57.9872

■ 182.4180, 2.7519,
4.0184

■ 103.1290, 41.8414,
66.5389

■ 194.1690, -3.0413,
-4.5332

■ 91.6770, 47.4872,
75.7053

■ 205.6210, -8.6872,
-13.6996

80.2250, 53.1331,
84.8717

217.0730,
-14.3330, -22.8660

74.0560, 56.1744,
89.4049

228.5250,
-19.9788, -32.0324

228.8240,
-20.1262, -31.4176

229.1230,
-20.2736, -30.8029

Harmonies

Analogous

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



145.5500, 32.7598, -7.4984



148.6490, 19.4000, 31.0028



147.1500, 2.8840, 55.1194

Triad

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



148.6490, 19.4000, 31.0028



141.6590, -36.3139, 27.4861



115.5170, 28.8321, -101.3084

Complementary

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



148.6490, 19.4000, 31.0028



162.3510, -19.4000, -31.0028

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.



112.6800, 11.4968, -94.4354



148.6490, 19.4000, 31.0028



137.7370, -31.4223, -1.5233

Square

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



148.6490, 19.4000, 31.0028



143.4520, -28.8168, 49.5926



131.8280, -16.1842, -35.8062



116.5890, 43.0936, -102.2486

Rectangle

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



148.6490, 19.4000, 31.0028



145.6810, -9.2097, 60.7928



131.8280, -16.1842, -35.8062



114.1490, 23.5905, -100.1087

Sweetspot

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



148.6490, 19.4000, 31.0028



229.7270, 7.5296, 11.6404



132.7580, 27.2343, -8.5578



113.4830, 4.1989, 6.5924



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



148.6490, 19.4000, 31.0028



183.9190, 30.1129, 48.3060



146.6530, 6.5801, 36.2613



88.7170, 2.6045, 4.6332



62.2640, 47.1978, 75.1905



12.2050, 9.2659, 14.7292

Inverse Universe

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



142.8910, -7.8343, 39.5606



174.9970, -11.8305, 61.3926



164.3470, -6.5801, -36.2613



87.6910, -1.3267, 5.5330



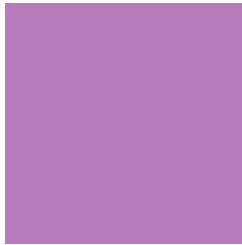
48.3820, -18.9223, 96.1350



9.4970, -3.6960, 18.8581

Previews

White Background



This preview shows how the YUV color 148.6490, 19.4000, 31.0028 looks on a white background.

Color Contrast Check

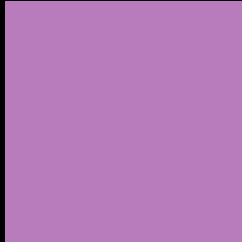
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.6490, 19.4000, 31.0028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

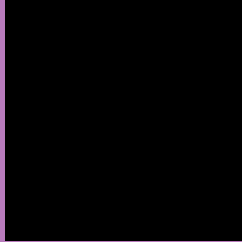
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.6490, 19.4000, 31.0028

Background



This preview shows how black text looks on a background with the YUV color 148.6490, 19.4000, 31.0028.



This preview shows how white text looks on a background with the YUV color 148.6490, 19.4000, 31.0028.

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

148.6490, 19.4000, 31.0028

Protanopia

144.7570, 28.7138, -16.4499

Deuteranopia

145.5920, 18.9351, -6.6582



Tritanopia

146.8940, -2.4127, 27.2800

Trichromacy



Original Color

148.6490, 19.4000, 31.0028

Protanomaly

146.3570, 25.4600, 0.5639

Deuteranomaly

146.6800, 18.8918, 7.2966

Tritanomaly

147.6690, 5.5862, 28.3543

Monochromacy



Original Color

148.6490, 19.4000, 31.0028

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.2000, 6.8034, 11.2256

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6490, 19.4000, 31.0028 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(184, 123, 188)` looks like.

```
.text, #text, p{  
    color:rgb(184, 123, 188)  
}
```

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(184, 123, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 123, 188) }
```

Border

The CSS property to change the border of an element to YUV 148.6490, 19.4000, 31.0028 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(184, 123, 188) }
```


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

```
.border{ border-color:rgb(184, 123, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 123, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 123, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 123, 188);  
box-shadow:4px 4px 4px 4px rgb(184, 123,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 148.6490, 19.4000, 31.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 123, 188) }
```

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

```
.background{ background-color: rgb(184,  
123, 188) }
```

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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