

Converting Colors

YUV(148.3390, 19.5529,
28.6437)

Have a look what the booklet for
YUV(148.3390, 19.5529, 28.6437)
contains.

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Color

**YUV(148.3390, 19.5529,
28.6437)**

Conversions

Conversions Part 1

Format	Color
Hex	B57CBC
RGB	181, 124, 188
RGB Percent	71%, 49%, 74%
CMY	0.2902, 0.5137, 0.2627
CMYK	0.04, 0.34, 0.00, 0.26
HSL	293°, 32%, 61%
HSV	293°, 34%, 74%
XYZ	35.3408, 27.8699, 51.0937
YIQ	148.3390, 13.4280, 31.9880

Conversions

Conversions Part 2

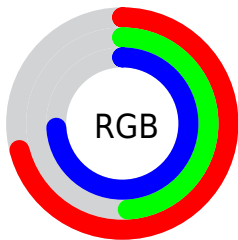
Format	Color
RYB	181, 124, 188
Decimal	11893948
CIELab	59.77, 32.94, -24.78
CIELCh	60, 41.221, 323.052
Yxy	27.8699, 0.3092, 0.2438
Android (android.graphics.Color)	4290084028 (0xFFB57CBC)
YUV	148.3390, 19.5529, 28.6437
Hunter-Lab	52.7920, 27.1083, -20.4284

Details

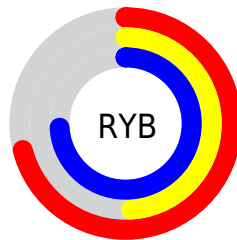
The YUV color **148.3390, 19.5529, 28.6437** is a light color, and the websafe version is hex **996699**. A complement of this color would be **163.6610, -19.5529, -28.6437**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.8770, 20.2736, 30.8029**, and **96.8010, 18.8321, 26.4845** is the 20% darker color. If you saturate the color by 10%, you get **136.5880, 25.3461, 37.1953**, and if you desaturate by 10%, it is **160.0900, 13.7596, 20.0921**.

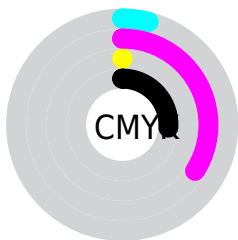
Distribution



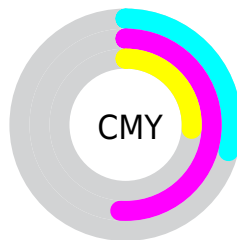
- Red (71%)
- Green (49%)
- Blue (74%)



- Red (71%)
- Yellow (49%)
- Blue (74%)



- Cyan (4%)
- Magenta (34%)
- Yellow (0%)
- Black (26%)





- Cyan (29%)
- Magenta (51%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.3390, 19.5529, 28.6437 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 148.3390, 19.5529, 28.6437 by changing the saturation by 10% instead.


 148.3390, 19.5529,
28.6437

 148.3390, 19.5529,
28.6437


255.0000, 0.0000,
0.0000

 121.9260, 19.2635,
28.1289


 202.8770, 20.2736,
30.8029


 96.8010, 18.8321,
26.4845


 225.6500, 14.4696,
25.7400

 71.9750, 18.2533,
25.4549

 242.6730, 6.0772,
10.8108

 47.6760, 18.4007,
24.8401

 23.0890, 18.6901,
25.3549

 14.6120, 12.0233,
17.0033

 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 148.3390, 19.5529,
28.6437

■ 148.3390, 19.5529,
28.6437

■ 136.5880, 25.3461,
37.1953

■ 160.0900, 13.7596,
20.0921

■ 124.8370, 31.1394,
45.7470

■ 171.8410, 7.9664,
11.5404

■ 113.6730, 36.6432,
53.7838

■ 183.0050, 2.4625,
3.5036

■ 101.9220, 42.4365,
62.3354

■ 194.7560, -3.3307,
-5.0480

■ 90.1710, 48.2297,
70.8870

■ 206.5070, -9.1240,
-13.5996

■ 78.4200, 54.0229,
79.4387

■ 218.2580,
-14.9172, -22.1513

■ 71.3650, 57.5011,
83.8719

■ 229.4220,
-20.4210, -30.1881

■ 230.0200,
-20.7159, -28.9585

■ 230.9170,
-21.1581, -27.1142

Harmonies

Analogous

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



145.1260, 32.4759, -9.7575



148.3390, 19.5529, 28.6437



146.9540, 3.4737, 52.6603

Triad

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



148.3390, 19.5529, 28.6437



141.7130, -34.8615, 28.3157



114.5880, 27.8111, -100.4937

Complementary

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



148.3390, 19.5529, 28.6437



163.6610, -19.5529, -28.6437

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.



118.7420, 7.5222, -79.5807



148.3390, 19.5529, 28.6437



137.8620, -30.9910, 0.1210

Square

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



148.3390, 19.5529, 28.6437



143.6800, -27.9432, 49.3926



132.4370, -16.4844, -32.8322



116.2470, 41.7832, -101.9486

Rectangle

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



148.3390, 19.5529, 28.6437



145.3110, -8.0413, 59.3633



132.4370, -16.4844, -32.8322



113.8070, 22.2801, -99.8087

Sweetspot

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



148.3390, 19.5529, 28.6437



229.4280, 7.6770, 11.0256



135.4050, 25.9293, -10.0022



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.



148.3390, 19.5529, 28.6437



182.4240, 30.8500, 45.2322



147.5820, 7.6011, 35.4466



88.4180, 2.7519, 4.0184



60.1710, 48.2297, 70.8870



11.6070, 9.5607, 13.4997

Inverse Universe

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



143.9340, -6.3765, 38.6459



175.4530, -10.0833, 60.9927



164.4180, -7.6011, -35.4466



87.8050, -0.8899, 5.4330



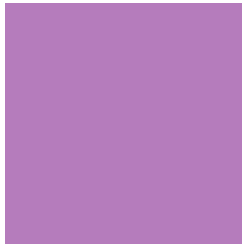
49.1800, -15.8647, 95.4351



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 148.3390, 19.5529, 28.6437 looks on a white background.

Color Contrast Check

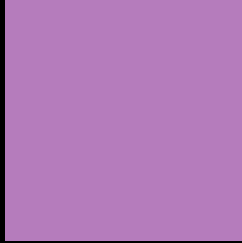
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.3390, 19.5529, 28.6437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

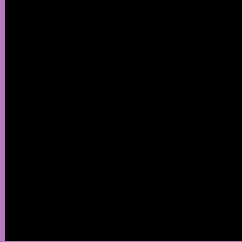
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.3390, 19.5529, 28.6437

Background



This preview shows how black text looks on a background with the YUV color 148.3390, 19.5529, 28.6437.



This preview shows how white text looks on a background with the YUV color 148.3390, 19.5529, 28.6437.

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

148.3390, 19.5529, 28.6437

Protanopia

144.0560, 28.5664, -15.8351

Deuteranopia

145.4070, 19.5193, -7.3729



Tritanopia

146.6980, -1.8231, 24.8209

Trichromacy



Original Color

148.3390, 19.5529, 28.6437

Protanomaly

145.3570, 25.4600, 0.5639

Deuteranomaly

146.1960, 19.6234, 5.9671

Tritanomaly

147.3590, 5.7390, 25.9952

Monochromacy



Original Color

148.3390, 19.5529, 28.6437

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0150, 7.3876, 10.5108

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3390, 19.5529, 28.6437 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(181, 124, 188)` looks like.

```
.text, #text, p{  
    color:rgb(181, 124, 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(181, 124, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 124, 188) }
```

Border

The CSS property to change the border of an element to YUV 148.3390, 19.5529, 28.6437 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(181, 124, 188) }
```


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

```
.border{ border-color:rgb(181, 124, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 124, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 124, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 124, 188);  
box-shadow:4px 4px 4px 4px rgb(181, 124,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 148.3390, 19.5529, 28.6437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 124, 188) }
```

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

```
.background{ background-color: rgb(181,  
124, 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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