

Converting Colors

YUV(147.3960, 29.8778,
30.3477)

Have a look what the booklet for
YUV(147.3960, 29.8778, 30.3477)
contains.

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Color

**YUV(147.3960, 29.8778,
30.3477)**

Conversions

Conversions Part 1

Format	Color
Hex	B676D0
RGB	182, 118, 208
RGB Percent	71%, 46%, 82%
CMY	0.2863, 0.5373, 0.1843
CMYK	0.12, 0.43, 0.00, 0.18
HSL	283°, 49%, 64%
HSV	283°, 43%, 82%
XYZ	37.1550, 27.4560, 63.0158
YIQ	147.3960, 9.2540, 41.5580

Conversions

Conversions Part 2

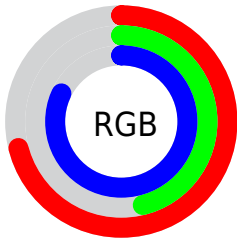
Format	Color
R_{YB}	182, 118, 208
Decimal	11957968
CIE _{Lab}	59.39, 40.62, -36.68
CIE _{LCh}	59, 54.729, 317.915
Yxy	27.4560, 0.2911, 0.2151
Android (android.graphics.Color)	4290148048 (0xFFB676D0)
YUV	147.3960, 29.8778, 30.3477
Hunter-Lab	52.3985, 34.8744, -34.6247

Details

The YUV color **147.3960, 29.8778, 30.3477** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **178.6040, -29.8778, -30.3477**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9080, 26.6674, 33.4067**, and **94.7440, 28.7202, 28.2885** is the 20% darker color. If you saturate the color by 10%, you get **133.2750, 36.8394, 37.4698**, and if you desaturate by 10%, it is **161.5170, 22.9161, 23.2256**.

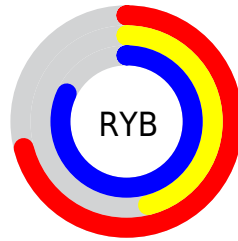
Distribution



Red (71%)

Green (46%)

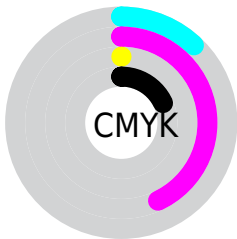
Blue (82%)



Red (71%)

Yellow (46%)

Blue (82%)

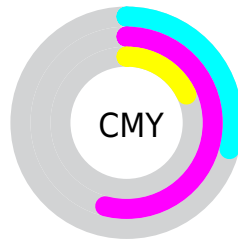


Cyan (12%)

Magenta (43%)

Yellow (0%)

Black (18%)



Cyan (29%)

Magenta (54%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.3960, 29.8778, 30.3477 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 147.3960, 29.8778, 30.3477 by changing the saturation by 10% instead.

■ 147.3960, 29.8778,
30.3477

■ 147.3960, 29.8778,
30.3477

■ 255.0000, 0.0000,
0.0000

■ 120.5700, 29.2990,
29.3181

■ 200.9080, 26.6674,
33.4067

■ 94.7440, 28.7202,
28.2885

■ 222.1280, 16.2059,
28.8287

■ 69.9180, 28.1414,
27.2589

■ 239.1510, 7.8136,
13.8996

■ 43.9180, 28.1414,
27.2589

■ 23.7280, 26.2631,
23.0405

■ 15.1260, 19.1649,
13.0445

■ 4.7080, 12.9620,

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 147.3960, 29.8778,
30.3477

■ 147.3960, 29.8778,
30.3477

■ 133.2750, 36.8394,
37.4698

■ 161.5170, 22.9161,
23.2256

■ 119.1540, 43.8011,
44.5919

■ 175.6380, 15.9545,
16.1035

■ 105.6200, 50.4733,
51.1993

■ 189.1720, 9.2822,
9.4962

■ 91.4990, 57.4350,
58.3214

■ 203.2930, 2.3206,
2.3740

77.3780, 64.3966,
65.4435

217.4140, -4.6411,
-4.7481

67.9640, 69.0377,
70.1916

231.5350,
-11.6028, -11.8702

240.3730,
-15.9599, -14.3591

242.1670,
-16.8443, -10.6705

243.9610,
-17.7288, -6.9818

Harmonies

Analogous

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



140.3870, 46.6442, -27.5264



147.3960, 29.8778, 30.3477



144.7630, 9.9768, 66.8598

Triad

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



147.3960, 29.8778, 30.3477



138.8750, -47.2664, 40.4516



116.9360, 26.6536, -102.5529

Complementary

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



147.3960, 29.8778, 30.3477



178.6040, -29.8778, -30.3477

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.



110.6490, 5.1030, -97.0392



147.3960, 29.8778, 30.3477



134.5240, -45.1213, 5.6795

Square

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



147.3960, 29.8778, 30.3477



140.7100, -33.3810, 66.9063



127.5860, -25.9249, -38.2249



119.9630, 45.8672, -105.2076

Rectangle

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



147.3960, 29.8778, 30.3477



142.2300, -5.0434, 77.8513



127.5860, -25.9249, -38.2249



115.1120, 19.6648, -100.9532

Sweetspot

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



147.3960, 29.8778, 30.3477



232.6390, 11.0240, 10.8406



144.1090, 31.4983, -22.8976



113.8790, 6.9617, 7.1221



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.



147.3960, 29.8778, 30.3477



165.5670, 44.0905, 45.1067



153.1180, 18.1828, 48.1315



97.6460, 3.6255, 3.8185



55.0320, 55.6932, 56.9769



13.3450, 13.6339, 13.7294

Inverse Universe

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



147.8740, -1.9099, 52.7305



166.2130, -2.5700, 77.8662



172.8820, -18.1828, -48.1315



97.6310, -0.3111, 6.4626



55.8180, -3.3613, 98.3836



13.6270, -0.8021, 24.0061

Previews

White Background



This preview shows how the YUV color 147.3960, 29.8778, 30.3477 looks on a white background.

Color Contrast Check

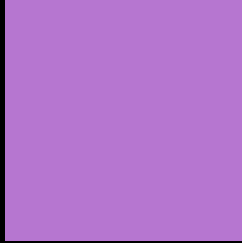
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.3960, 29.8778, 30.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

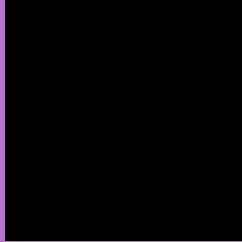
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.3960, 29.8778, 30.3477

Background



This preview shows how black text looks on a background with the YUV color 147.3960, 29.8778, 30.3477.



This preview shows how white text looks on a background with the YUV color 147.3960, 29.8778, 30.3477.

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

147.3960, 29.8778, 30.3477

Protanopia

141.2470, 42.2762, -26.5266

Deuteranopia

142.6750, 29.7402, -19.0090



Tritanopia

145.8010, -1.3809, 22.9765

Trichromacy



Original Color

147.3960, 29.8778, 30.3477



Protanomaly

143.5270, 37.7012, -5.7242



Deuteranomaly

144.1980, 29.9754, -1.0506



Tritanomaly

146.7980, 9.9596, 25.6102

Monochromacy



Original Color

147.3960, 29.8778, 30.3477



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.9380, 10.8766, 11.4554

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.3960, 29.8778, 30.3477 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(182, 118, 208)` looks like.

```
.text, #text, p{  
    color:rgb(182, 118, 208)  
}
```

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(182, 118, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 118, 208) }
```

Border

The CSS property to change the border of an element to YUV 147.3960, 29.8778, 30.3477 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(182, 118, 208) }
```


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

```
.border{ border-color:rgb(182, 118, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 118, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 118, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 118, 208);  
box-shadow:4px 4px 4px 4px rgb(182, 118,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 147.3960, 29.8778, 30.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 118, 208) }
```

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

```
.background{ background-color: rgb(182,  
118, 208) }
```

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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