

Converting Colors

YUV(148.7410, 40.0607,
30.9221)

Have a look what the booklet for
YUV(148.7410, 40.0607, 30.9221)
contains.

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Color

**YUV(148.7410, 40.0607,
30.9221)**

Conversions

Conversions Part 1

Format	Color
Hex	B873E6
RGB	184, 115, 230
RGB Percent	72%, 45%, 90%
CMY	0.2784, 0.5490, 0.0980
CMYK	0.20, 0.50, 0.00, 0.10
HSL	276°, 70%, 68%
HSV	276°, 50%, 90%
XYZ	40.1808, 28.1650, 78.1815
YIQ	148.7410, 4.2090, 50.3930

Conversions

Conversions Part 2

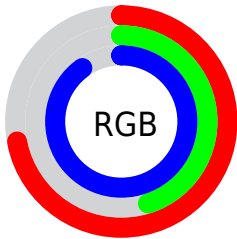
Format	Color
RYB	184, 115, 230
Decimal	12088294
CIELab	60.04, 47.51, -47.99
CIELCh	60, 67.532, 314.710
Yxy	28.1650, 0.2742, 0.1922
Android (android.graphics.Color)	4290278374 (0xFFB873E6)
YUV	148.7410, 40.0607, 30.9221
Hunter-Lab	53.0707, 42.2720, -50.1941

Details

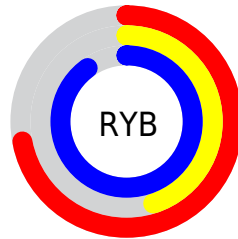
The YUV color **148.7410, 40.0607, 30.9221** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **196.2590, -40.0607, -30.9221**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.6310, 26.8039, 36.2806**, and **95.6760, 38.6137, 28.3481** is the 20% darker color. If you saturate the color by 10%, you get **132.5490, 48.0433, 37.2295**, and if you desaturate by 10%, it is **164.9330, 32.0780, 24.6148**.

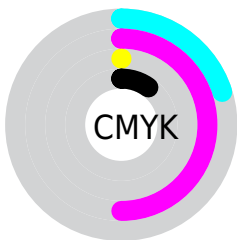
Distribution



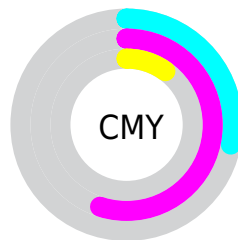
- Red (72%)
- Green (45%)
- Blue (90%)



- Red (72%)
- Yellow (45%)
- Blue (90%)



- Cyan (20%)
- Magenta (50%)
- Yellow (0%)
- Black (10%)





- Cyan (28%)
- Magenta (55%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.7410, 40.0607, 30.9221 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 148.7410, 40.0607, 30.9221 by changing the saturation by 10% instead.


 148.7410, 40.0607,
30.9221


 148.7410, 40.0607,
30.9221


255.0000, 0.0000,
0.0000

 121.9150, 39.4819,
29.8925


 200.6310, 26.8039,
36.2806

 95.6760, 38.6137,
28.3481


 220.9540, 16.7847,
29.8583


 69.2630, 38.3243,
27.8333

 237.3900, 8.6817,
15.4440

 40.6160, 39.6293,
29.2778

254.4130, 0.2894,
0.5148

 24.8830, 34.5677,
19.3966

 15.5690, 27.3275,
8.2710

 5.3580, 20.5295,

-4.6990

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 148.7410, 40.0607,
30.9221

■ 148.7410, 40.0607,
30.9221

■ 132.5490, 48.0433,
37.2295

■ 164.9330, 32.0780,
24.6148

■ 116.3570, 56.0260,
43.5369

■ 181.1250, 24.0954,
18.3074

■ 99.8660, 64.1561,
49.2295

■ 197.6160, 15.9653,
12.6148

■ 83.6740, 72.1387,
55.5369

■ 213.8080, 7.9827,
6.3074

67.4820, 80.1214,
61.8443

230.0000, 0.0000,
0.0000

246.1920, -7.9827,
-6.3074

250.0570, -9.8881,
-1.8040

252.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



133.6530, 59.8241, -54.9467



148.7410, 40.0607, 30.9221



143.0990, 17.2062, 81.4742

Triad

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



148.7410, 40.0607, 30.9221



136.5550, -65.3496, 53.8873



120.6860, 25.7908, -105.8416

Complementary

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



148.7410, 40.0607, 30.9221



196.2590, -40.0607, -30.9221

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.



112.4440, -0.7119, -98.6134



148.7410, 40.0607, 30.9221



132.2910, -65.2195, 12.0228

Square

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



148.7410, 40.0607, 30.9221



139.0820, -37.5084, 84.1201



124.6210, -35.8022, -43.5176



125.0810, 50.2461, -109.6960

Rectangle

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



148.7410, 40.0607, 30.9221



138.6160, -0.3037, 97.6838



124.6210, -35.8022, -43.5176



118.4060, 17.0548, -103.8421

Sweetspot

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



148.7410, 40.0607, 30.9221



228.2090, 13.2080, 10.3407



155.1120, 36.9198, -35.1782



111.5090, 8.1301, 5.6926



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.



148.7410, 40.0607, 30.9221



146.9500, 53.2687, 41.2629



161.2410, 28.4752, 60.3016



106.4610, 4.2097, 3.1037



52.3990, 62.4143, 47.8851



15.0830, 17.7071, 13.9592

Inverse Universe

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



154.6290, 3.1409, 66.1004



154.7010, 4.0914, 87.9622



183.7590, -28.4752, -60.3016



107.1580, 0.4151, 6.8774



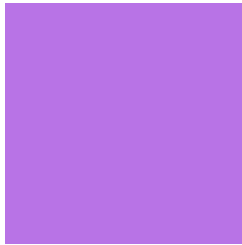
61.6150, 4.6268, 102.9466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 148.7410, 40.0607, 30.9221 looks on a white background.

Color Contrast Check

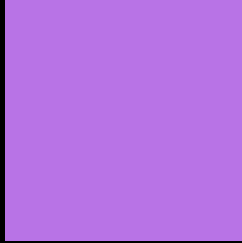
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.7410, 40.0607, 30.9221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

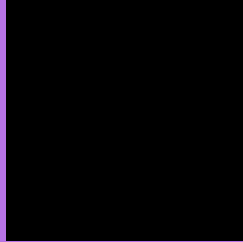
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.7410, 40.0607, 30.9221

Background



This preview shows how black text looks on a background with the YUV color 148.7410, 40.0607, 30.9221.



This preview shows how white text looks on a background with the YUV color 148.7410, 40.0607, 30.9221.

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

148.7410, 40.0607, 30.9221

Protanopia

139.5300, 56.4337, -40.8068

Deuteranopia

141.7470, 40.5507, -33.1041



Tritanopia

146.7190, -0.3545, 20.4174

Trichromacy



Original Color

148.7410, 40.0607, 30.9221



Protanomaly

143.0880, 50.2426, -14.9862



Deuteranomaly

144.1890, 40.3328, -9.8128



Tritanomaly

147.6390, 14.4750, 23.9956

Monochromacy



Original Color

148.7410, 40.0607, 30.9221



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.1490, 14.2235, 11.2703

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7410, 40.0607, 30.9221 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, 115, 230)` looks like.

```
.text, #text, p{  
    color:rgb(184, 115, 230)  
}
```

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, 115, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 115, 230) }
```

Border

The CSS property to change the border of an element to YUV 148.7410, 40.0607, 30.9221 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, 115, 230) }
```


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

```
.border{ border-color:rgb(184, 115, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 115, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 115, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 115, 230);  
box-shadow:4px 4px 4px 4px rgb(184, 115,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 148.7410, 40.0607, 30.9221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 115, 230) }
```

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

```
.background{ background-color: rgb(184,  
115, 230) }
```

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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