

Converting Colors

YUV(141.6000, 40.6232,
37.1848)

Have a look what the booklet for
YUV(141.6000, 40.6232, 37.1848)
contains.

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Color

**YUV(141.6000, 40.6232,
37.1848)**

Conversions

Conversions Part 1

Format	Color
Hex	B868E0
RGB	184, 104, 224
RGB Percent	72%, 41%, 88%
CMY	0.2784, 0.5922, 0.1216
CMYK	0.18, 0.54, 0.00, 0.12
HSL	280°, 66%, 64%
HSV	280°, 54%, 88%
XYZ	38.1720, 25.4728, 73.4259
YIQ	141.6000, 9.1600, 54.2800

Conversions

Conversions Part 2

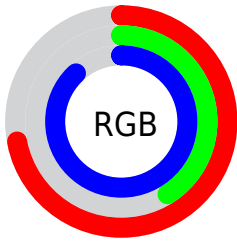
Format	Color
RYB	184, 104, 224
Decimal	12085472
CIELab	57.53, 51.94, -48.60
CIElCh	58, 71.137, 316.903
Yxy	25.4728, 0.2785, 0.1858
Android (android.graphics.Color)	4290275552 (0xFFB868E0)
YUV	141.6000, 40.6232, 37.1848
Hunter-Lab	50.4706, 46.6800, -50.9272

Details

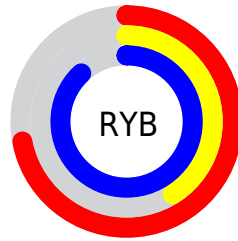
The YUV color **141.6000, 40.6232, 37.1848** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **186.4000, -40.6232, -37.1848**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.1740, 29.9872, 41.9434**, and **87.9480, 39.4656, 35.1256** is the 20% darker color. If you saturate the color by 10%, you get **126.5930, 48.0217, 44.2069**, and if you desaturate by 10%, it is **156.6070, 33.2247, 30.1627**.

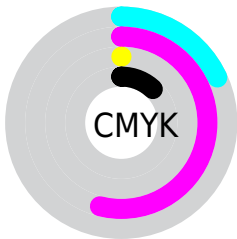
Distribution



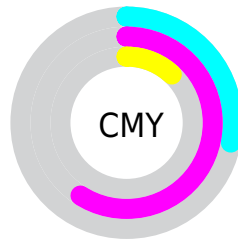
- Red (72%)
- Green (41%)
- Blue (88%)



- Red (72%)
- Yellow (41%)
- Blue (88%)



- Cyan (18%)
- Magenta (54%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (59%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 141.6000, 40.6232, 37.1848 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 141.6000, 40.6232, 37.1848 by changing the saturation by 10% instead.


 141.6000, 40.6232,
37.1848

 141.6000, 40.6232,
37.1848


255.0000, 0.0000,
0.0000


 114.7740, 40.0444,
36.1552


 194.1740, 29.9872,
41.9434


 87.9480, 39.4656,
35.1256


 214.4970, 19.9680,
35.5211


 59.7740, 40.0444,
36.1552

 230.9330, 11.8650,
21.1068

 35.2360, 39.3237,
33.9960

 247.9560, 3.4727,
6.1776

 24.3130, 32.3837,
19.8965

 14.1020, 25.5857,
6.9265

 6.5490, 17.4773,

-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 141.6000, 40.6232,
37.1848

■ 141.6000, 40.6232,
37.1848

■ 126.5930, 48.0217,
44.2069

■ 156.6070, 33.2247,
30.1627

■ 110.7000, 55.8569,
51.1291

■ 172.5000, 25.3895,
23.2405

■ 95.6930, 63.2554,
58.1512

■ 187.5070, 17.9910,
16.2184

■ 79.8000, 71.0906,
65.0734

■ 203.4000, 10.1558,
9.2962

70.0870, 75.8791,
69.2067

218.4070, 2.7573,
2.2741

233.7130, -4.7885,
-4.1333

245.7850,
-10.7400, -8.5814

248.1770,
-11.9193, -3.6632

250.2700,
-12.9511, 0.6402

Harmonies

Analogous

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



126.8750, 63.1656, -53.3874



141.6000, 40.6232, 37.1848



133.4420, 17.0371, 89.0664

Triad

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



141.6000, 40.6232, 37.1848



129.8860, -64.0338, 51.8430



117.1640, 27.5271, -102.7528

Complementary

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



141.6000, 40.6232, 37.1848



186.4000, -40.6232, -37.1848

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.



108.5800, -0.2859, -95.2247



141.6000, 40.6232, 37.1848



125.4690, -61.8562, 6.6047

Square

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



141.6000, 40.6232, 37.1848



130.8820, -40.8608, 86.0495



113.1960, -34.6066, -53.6689



121.6730, 52.4192, -106.7072

Rectangle

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



141.6000, 40.6232, 37.1848



128.2470, -0.6148, 104.1464



113.1960, -34.6066, -53.6689



114.6560, 17.9176, -100.5533

Sweetspot

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



141.6000, 40.6232, 37.1848



226.7470, 13.9287, 12.4999



141.1600, 40.8401, -32.5893



110.6340, 8.5614, 7.3370



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.



141.6000, 40.6232, 37.1848



143.1730, 55.1307, 50.7143



151.2800, 25.9910, 63.7754



104.3470, 3.7729, 3.2037



55.0470, 59.6298, 54.3328



15.0400, 16.2493, 14.8739

Inverse Universe

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



144.4400, -0.2169, 69.7741



146.8930, -0.4402, 94.8098



176.7200, -25.9910, -63.7754



104.7450, 0.1257, 6.3626



59.3500, -0.1725, 102.3021



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 141.6000, 40.6232, 37.1848 looks on a white background.

Color Contrast Check

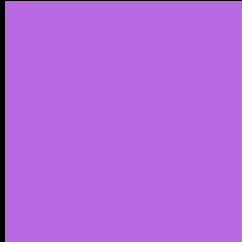
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.6000, 40.6232, 37.1848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

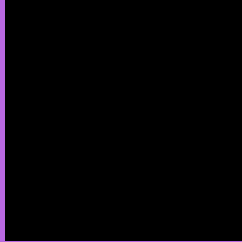
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 141.6000, 40.6232, 37.1848

Background



This preview shows how black text looks on a background with the YUV color 141.6000, 40.6232, 37.1848.



This preview shows how white text looks on a background with the YUV color 141.6000, 40.6232, 37.1848.

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

141.6000, 40.6232, 37.1848

Protanopia

131.7080, 59.7970, -46.2249

Deuteranopia

134.4480, 40.6981, -33.7189



Tritanopia

140.2960, -2.1179, 26.0504

Trichromacy



Original Color

141.6000, 40.6232, 37.1848



Protanomaly

135.3590, 52.5740, -16.1008



Deuteranomaly

137.3140, 40.7642, -8.1684



Tritanomaly

140.7430, 13.4377, 30.0434

Monochromacy



Original Color

141.6000, 40.6232, 37.1848



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

141.6870, 14.9443, 13.4295

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.6000, 40.6232, 37.1848 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, 104, 224)` looks like.

```
.text, #text, p{  
    color:rgb(184, 104, 224)  
}
```

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, 104, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 104, 224) }
```

Border

The CSS property to change the border of an element to YUV 141.6000, 40.6232, 37.1848 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, 104, 224) }
```


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

```
.border{ border-color:rgb(184, 104, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 104, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 104, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 104, 224);  
box-shadow:4px 4px 4px 4px rgb(184, 104,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 141.6000, 40.6232, 37.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 104, 224) }
```

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

```
.background{ background-color: rgb(184,  
104, 224) }
```

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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