

Converting Colors

YUV(146.4250, 39.2305,
17.1673)

Have a look what the booklet for
YUV(146.4250, 39.2305, 17.1673)
contains.

| | |
|--|----|
| YUV(146.4250, 39.2305, 17.1673) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(146.4250, 39.2305,
17.1673)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A679E2 |
| RGB | 166, 121, 226 |
| RGB Percent | 65%, 47%, 89% |
| CMY | 0.3490, 0.5255, 0.1137 |
| CMYK | 0.27, 0.46, 0.00, 0.11 |
| HSL | 266°, 64%, 68% |
| HSV | 266°, 46%, 89% |
| XYZ | 36.2907, 27.2727, 75.3029 |
| YIQ | 146.4250, -6.8850, 42.1950 |

Conversions

Conversions Part 2

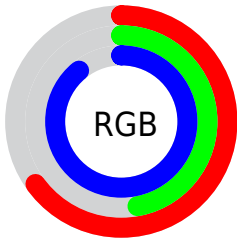
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 166, 121, 226 |
| Decimal | 10910178 |
| CIE _{Lab} | 59.23, 38.49, -47.17 |
| CIE _{LCh} | 59, 60.876, 309.212 |
| Yxy | 27.2727, 0.2613, 0.1964 |
| Android (android.graphics.Color) | 4289100258 (0xFFA679E2) |
| YUV | 146.4250, 39.2305, 17.1673 |
| Hunter-Lab | 52.2233, 32.6515, -48.9364 |

Details

The YUV color **146.4250, 39.2305, 17.1673** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **200.5750, -39.2305, -17.1673**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8850, 28.1577, 22.0259**, and **94.2460, 37.3467, 14.6933** is the 20% darker color. If you saturate the color by 10%, you get **129.0370, 47.8028, 21.0156**, and if you desaturate by 10%, it is **163.8130, 30.6582, 13.3190**.

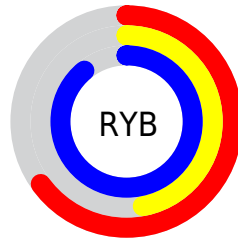
Distribution



Red (65%)

Green (47%)

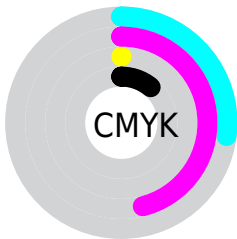
Blue (89%)



Red (65%)

Yellow (47%)

Blue (89%)

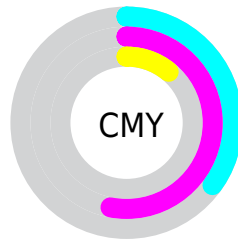


Cyan (27%)

Magenta (46%)

Yellow (0%)

Black (11%)



Cyan (35%)

Magenta (53%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.4250, 39.2305, 17.1673 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 146.4250, 39.2305, 17.1673 by changing the saturation by 10% instead.

146.4250, 39.2305,
17.1673

146.4250, 39.2305,
17.1673

255.0000, 0.0000,
0.0000

120.1860, 38.3623,
15.6229

197.8850, 28.1577,
22.0259

94.2460, 37.3467,
14.6933

222.9920, 15.7799,
25.4400

69.0070, 36.4785,
13.1489

240.3250, 7.2348,
12.8700

43.8820, 36.0472,
11.5045

19.1590, 35.9106,
8.6306

8.6490, 29.2600,
-4.9542

6.7770, 18.3509,

-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 146.4250, 39.2305,
17.1673

■ 146.4250, 39.2305,
17.1673

■ 129.0370, 47.8028,
21.0156

■ 163.8130, 30.6582,
13.3190

■ 112.2360, 56.0857,
24.3490

■ 180.6140, 22.3753,
9.9855

■ 94.8480, 64.6579,
28.1973

■ 198.0020, 13.8030,
6.1372

■ 78.0470, 72.9408,
31.5308

■ 214.8030, 5.5201,
2.8038

60.6590, 81.5131,
35.3791

232.1910, -3.0522,
-1.0445

54.7670, 84.4179,
37.0383

248.1060,
-10.8983, -4.4780

251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



127.8750, 59.7146, -66.5424



146.4250, 39.2305, 17.1673



143.7550, 18.8548, 65.9899

Triad

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



146.4250, 39.2305, 17.1673



137.5670, -50.0725, 53.8767



116.6280, 20.3964, -102.2828

Complementary

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



146.4250, 39.2305, 17.1673



200.5750, -39.2305, -17.1673

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.



108.4830, -3.1961, -95.1396



146.4250, 39.2305, 17.1673



133.2130, -56.8000, 18.2302

Square

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



146.4250, 39.2305, 17.1673



138.7100, -29.9300, 80.0613



127.4920, -36.7246, -27.6185



121.2680, 43.2519, -106.3520

Rectangle

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



146.4250, 39.2305, 17.1673



140.0380, 2.9393, 84.1587



127.4920, -36.7246, -27.6185



114.4620, 12.0972, -100.3832

Sweetspot

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



146.4250, 39.2305, 17.1673



227.8880, 13.3662, 6.2372



168.7770, 28.2109, -41.9004



111.1990, 8.2829, 3.3335



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.



146.4250, 39.2305, 17.1673



146.5410, 53.4703, 23.2045



161.6740, 31.7127, 48.5209



103.7490, 4.0677, 1.9741



42.4890, 65.8209, 28.5121



11.7510, 17.8708, 8.1114

Inverse Universe

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



159.2350, 10.7301, 58.5529



164.1050, 14.7382, 79.7149



185.3260, -31.7127, -48.5209



104.9730, 0.9993, 6.1627



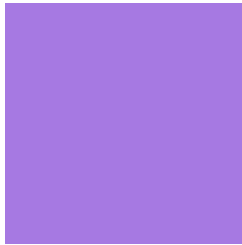
64.1380, 18.1730, 98.1030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 146.4250, 39.2305, 17.1673 looks on a white background.

Color Contrast Check

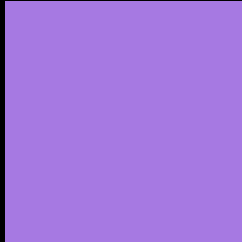
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.4250, 39.2305, 17.1673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

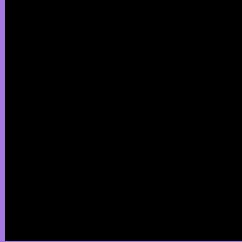
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.4250, 39.2305, 17.1673

Background



This preview shows how black text looks on a background with the YUV color 146.4250, 39.2305, 17.1673.



This preview shows how white text looks on a background with the YUV color 146.4250, 39.2305,

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

146.4250, 39.2305, 17.1673

Protanopia

138.5970, 51.4707, -35.6036

Deuteranopia

139.1600, 40.8401, -32.5893



Tritanopia

144.1410, 2.8885, 6.8923

Trichromacy



Original Color

146.4250, 39.2305, 17.1673

Protanomaly

141.2790, 47.1905, -16.0307

Deuteranomaly

141.4550, 40.2017, -14.4310

Tritanomaly

144.7190, 16.4075, 10.7704

Monochromacy



Original Color

146.4250, 39.2305, 17.1673

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1160, 14.2398, 6.0373

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.4250, 39.2305, 17.1673 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(166, 121, 226)` looks like.

```
.text, #text, p{  
    color:rgb(166, 121, 226)  
}
```

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(166, 121, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 121, 226) }
```

Border

The CSS property to change the border of an element to YUV 146.4250, 39.2305, 17.1673 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(166, 121, 226) }
```


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

```
.border{ border-color:rgb(166, 121, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 121, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 121, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 121, 226); box-shadow:4px 4px 4px 4px rgb(166, 121, 226) }
```

Background

The CSS property to change the background color of an element to YUV 146.4250, 39.2305, 17.1673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 121, 226) }
```

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

```
.background{ background-color: rgb(166,  
121, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor