

Converting Colors

YUV(149.4440, 47.1091,
10.1346)

Have a look what the booklet for
YUV(149.4440, 47.1091, 10.1346)
contains.

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Color

**YUV(149.4440, 47.1091,
10.1346)**

Conversions

Conversions Part 1

Format	Color
Hex	A17DF5
RGB	161, 125, 245
RGB Percent	63%, 49%, 96%
CMY	0.3686, 0.5098, 0.0392
CMYK	0.34, 0.49, 0.00, 0.04
HSL	258°, 86%, 73%
HSV	258°, 49%, 96%
XYZ	38.5130, 28.8369, 89.9224
YIQ	149.4440, -17.0640, 44.9520

Conversions

Conversions Part 2

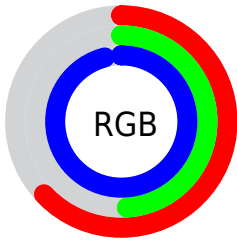
Format	Color
R _Y B	161, 125, 245
Decimal	10583541
CIE Lab	60.64, 39.66, -55.51
CIE LCh	61, 68.221, 305.544
Yxy	28.8369, 0.2449, 0.1834
Android (android.graphics.Color)	4288773621 (0xFFA17DF5)
YUV	149.4440, 47.1091, 10.1346
Hunter-Lab	53.7000, 34.0431, -61.6931

Details

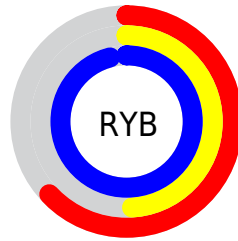
The YUV color **149.4440, 47.1091, 10.1346** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **220.5560, -47.1091, -10.1346**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.0370, 27.5898, 17.5076**, and **96.8520, 44.9360, 7.1458** is the 20% darker color. If you saturate the color by 10%, you get **129.6860, 56.8498, 12.5534**, and if you desaturate by 10%, it is **169.2020, 37.3684, 7.7158**.

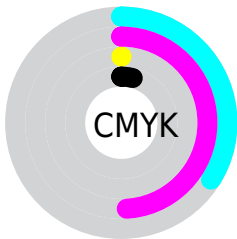
Distribution



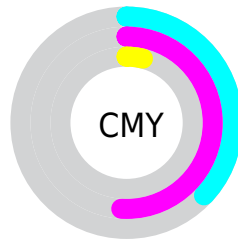
- Red (63%)
- Green (49%)
- Blue (96%)



- Red (63%)
- Yellow (49%)
- Blue (96%)



- Cyan (34%)
- Magenta (49%)
- Yellow (0%)
- Black (4%)



- Cyan (37%)
- Magenta (51%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4440, 47.1091, 10.1346 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 149.4440, 47.1091, 10.1346 by changing the saturation by 10% instead.

■ 149.4440, 47.1091,
10.1346

■ 149.4440, 47.1091,
10.1346

255.0000, 0.0000,
0.0000

■ 123.0910, 45.8041,
8.6902

■ 199.0370, 27.5898,
17.5076

■ 96.8520, 44.9360,
7.1458

■ 224.1440, 15.2120,
20.9217

■ 71.2000, 43.7784,
5.0866

■ 242.6730, 6.0772,
10.8108

■ 45.7650, 43.4999,
1.0831

■ 16.7420, 44.9902,
-10.2977

■ 9.4620, 36.2542,
-8.2982

■ 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 149.4440, 47.1091,
10.1346

■ 149.4440, 47.1091,
10.1346

■ 129.6860, 56.8498,
12.5534

■ 169.2020, 37.3684,
7.7158

■ 110.5150, 66.3011,
14.4573

■ 188.3730, 27.9171,
5.8119

■ 90.7570, 76.0418,
16.8761

■ 208.1310, 18.1764,
3.3931

■ 71.2870, 85.6405,
18.1653

■ 227.6010, 8.5777,
2.1039

■ 51.5290, 95.3812,
20.5841

■ 246.7720, -0.8736,
0.2000

■ 49.7570, 96.2548,
20.3841

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



117.1200, 67.9748, -102.7142



149.4440, 47.1091, 10.1346



147.2700, 24.5169, 69.9232

Triad

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



149.4440, 47.1091, 10.1346



139.7380, -56.0728, 65.1278



119.9220, 17.7865, -105.1716

Complementary

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



149.4440, 47.1091, 10.1346



220.5560, -47.1091, -10.1346

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.



110.9790, -8.8636, -97.3286



149.4440, 47.1091, 10.1346



135.6240, -66.8626, 25.7628

Square

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



149.4440, 47.1091, 10.1346



140.2000, -29.6786, 92.7866



129.1690, -46.9183, -24.7042



126.0610, 43.8469, -110.5555

Rectangle

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



149.4440, 47.1091, 10.1346



142.0590, 7.8589, 92.9103



129.1690, -46.9183, -24.7042



116.9410, 8.9031, -102.5573

Sweetspot

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



149.4440, 47.1091, 10.1346



224.6210, 14.9768, 2.9634



187.9880, 28.1069, -55.2405



109.4160, 9.1619, 1.3892



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.



149.4440, 47.1091, 10.1346



135.5550, 58.8864, 12.6683



167.3840, 38.2647, 47.0212



112.5640, 4.6519, 1.2594



37.9480, 72.9896, 15.8316



12.1080, 23.1178, 5.1673

Inverse Universe

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



170.4560, 19.0022, 65.3751



161.8200, 23.7527, 81.7189



202.6160, -38.2647, -47.0212



114.6140, 2.1623, 6.4775



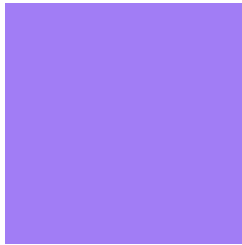
70.4340, 29.3660, 101.3514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 149.4440, 47.1091, 10.1346 looks on a white background.

Color Contrast Check

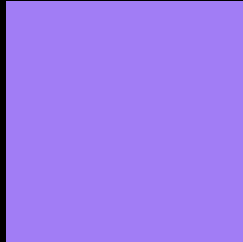
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.4440, 47.1091, 10.1346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

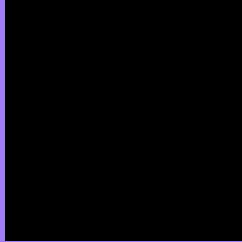
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.4440, 47.1091, 10.1346

Background



This preview shows how black text looks on a background with the YUV color 149.4440, 47.1091, 10.1346.



This preview shows how white text looks on a background with the YUV color 149.4440, 47.1091, 10.1346.

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

149.4440, 47.1091, 10.1346

Protanopia

141.4160, 55.9969, -40.7068

Deuteranopia

139.3630, 49.6140, -46.7994



Tritanopia

146.3570, 5.2470, -2.9441

Trichromacy



Original Color

149.4440, 47.1091, 10.1346



Protanomaly

144.0270, 52.7377, -21.9487



Deuteranomaly

142.9680, 48.8228, -26.2819



Tritanomaly

147.4020, 20.5078, 2.2784

Monochromacy



Original Color

149.4440, 47.1091, 10.1346



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.9030, 17.3028, 3.5931

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4440, 47.1091, 10.1346 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(161, 125, 245)` looks like.

```
.text, #text, p{  
    color:rgb(161, 125, 245)  
}
```

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(161, 125, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 125, 245) }
```

Border

The CSS property to change the border of an element to YUV 149.4440, 47.1091, 10.1346 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(161, 125, 245) }
```


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

```
.border{ border-color:rgb(161, 125, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 125, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 125, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 125, 245);  
box-shadow:4px 4px 4px 4px rgb(161, 125,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 149.4440, 47.1091, 10.1346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 125, 245) }
```

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

```
.background{ background-color: rgb(161,  
125, 245) }
```

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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