

Converting Colors

YUV(149.3940, 36.2878,
27.7185)

Have a look what the booklet for
YUV(149.3940, 36.2878, 27.7185)
contains.

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Color

**YUV(149.3940, 36.2878,
27.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	B577DF
RGB	181, 119, 223
RGB Percent	71%, 47%, 87%
CMY	0.2902, 0.5333, 0.1255
CMYK	0.19, 0.47, 0.00, 0.13
HSL	276°, 62%, 67%
HSV	276°, 47%, 87%
XYZ	38.9722, 28.3451, 73.2291
YIQ	149.3940, 3.5680, 45.4880

Conversions

Conversions Part 2

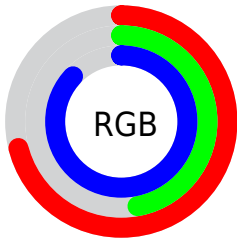
Format	Color
R_{YB}	181, 119, 223
Decimal	11892703
CIE _{Lab}	60.20, 43.01, -43.85
CIE _{LCh}	60, 61.424, 314.447
Yxy	28.3451, 0.2773, 0.2017
Android (android.graphics.Color)	4290082783 (0xFFB577DF)
YUV	149.3940, 36.2878, 27.7185
Hunter-Lab	53.2401, 37.4930, -44.2823

Details

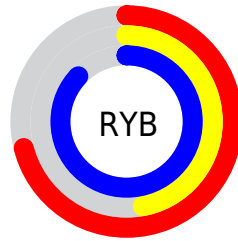
The YUV color **149.3940, 36.2878, 27.7185** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **192.6060, -36.2878, -27.7185**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.0820, 26.0886, 32.3771**, and **96.6280, 34.6934, 25.7592** is the 20% darker color. If you saturate the color by 10%, you get **133.7890, 43.9810, 33.5110**, and if you desaturate by 10%, it is **164.9990, 28.5945, 21.9259**.

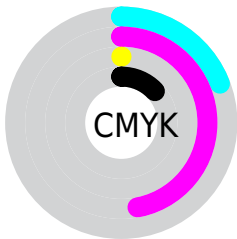
Distribution



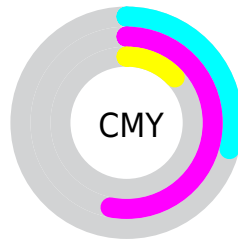
- Red (71%)
- Green (47%)
- Blue (87%)



- Red (71%)
- Yellow (47%)
- Blue (87%)



- Cyan (19%)
- Magenta (47%)
- Yellow (0%)
- Black (13%)



- Cyan (29%)
- Magenta (53%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.3940, 36.2878, 27.7185 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 149.3940, 36.2878, 27.7185 by changing the saturation by 10% instead.

■ 149.3940, 36.2878,
27.7185

■ 149.3940, 36.2878,
27.7185

255.0000, 0.0000,
0.0000

■ 122.5680, 35.7090,
26.6889

■ 202.0820, 26.0886,
32.3771

■ 96.6280, 34.6934,
25.7592

■ 222.7150, 15.9165,
28.3139

■ 70.8020, 34.1146,
24.7296

■ 239.7380, 7.5242,
13.3848

■ 44.8020, 34.1146,
24.7296

■ 23.9000, 32.0943,
19.3817

■ 14.9990, 25.1435,
8.7709

■ 5.9620, 17.7667,

-5.2287

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 149.3940, 36.2878,
27.7185

■ 149.3940, 36.2878,
27.7185

■ 133.7890, 43.9810,
33.5110

■ 164.9990, 28.5945,
21.9259

■ 117.5970, 51.9637,
39.8184

■ 181.1910, 20.6118,
15.6185

■ 101.9920, 59.6569,
45.6110

■ 196.7960, 12.9186,
9.8259

■ 86.3870, 67.3502,
51.4036

■ 212.4010, 5.2253,
4.0333

70.1950, 75.3329,
57.7110

228.5930, -2.7573,
-2.2741

65.1890, 77.8008,
59.4702

244.1980,
-10.4506, -8.0666

248.0630,
-12.3561, -3.5633

250.7540,
-13.6827, 1.9697

251.3520,
-13.9775, 3.1993

Harmonies

Analogous

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



137.5680, 55.4290, -45.2251



149.3940, 36.2878, 27.7185



146.0610, 14.7599, 72.7375

Triad

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



149.3940, 36.2878, 27.7185



139.6220, -53.5506, 49.4435



119.8710, 25.2066, -105.1269

Complementary

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



149.3940, 36.2878, 27.7185



192.6060, -36.2878, -27.7185

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.



112.1990, 0.8879, -98.3985



149.3940, 36.2878, 27.7185



135.5110, -55.4679, 10.9529

Square

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



149.3940, 36.2878, 27.7185



141.4340, -34.7240, 77.6724



128.1640, -32.6189, -37.8548



123.6960, 47.4779, -108.4814

Rectangle

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



149.3940, 36.2878, 27.7185



142.2080, -1.5815, 87.5176



128.1640, -32.6189, -37.8548



117.7050, 16.9074, -103.2273

Sweetspot

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



149.3940, 36.2878, 27.7185



229.6820, 12.4818, 9.9259



156.0970, 32.9832, -32.5341



112.3950, 7.6933, 5.7926



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.



149.3940, 36.2878, 27.7185



153.7170, 49.9325, 37.9592



160.9260, 26.1655, 54.4389



104.3470, 3.7729, 3.2037



51.4590, 61.3987, 46.9555



14.1430, 16.6915, 13.0296

Inverse Universe

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



154.8840, 3.0152, 59.7377



161.3690, 4.2551, 82.1144



181.0740, -26.1655, -54.4389



104.8590, 0.5625, 6.2627



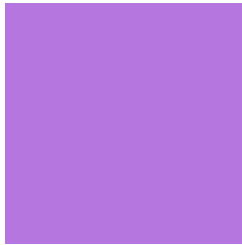
60.7180, 5.0690, 101.1023



16.6320, 1.6604, 27.5097

Previews

White Background



This preview shows how the YUV color 149.3940, 36.2878, 27.7185 looks on a white background.

Color Contrast Check

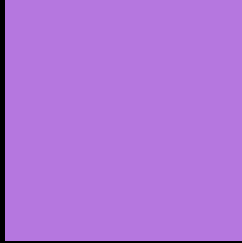
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.3940, 36.2878, 27.7185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

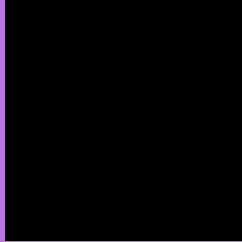
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.3940, 36.2878, 27.7185

Background



This preview shows how black text looks on a background with the YUV color 149.3940, 36.2878, 27.7185.



This preview shows how white text looks on a background with the YUV color 149.3940, 36.2878, 27.7185.

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

149.3940, 36.2878, 27.7185

Protanopia

141.9670, 50.3023, -34.1741

Deuteranopia

143.4550, 36.7507, -27.5860



Tritanopia

147.7080, -0.3490, 18.6731

Trichromacy



Original Color

149.3940, 36.2878, 27.7185



Protanomaly

144.7310, 44.9956, -12.0421



Deuteranomaly

145.8750, 36.5436, -7.7834



Tritanomaly

147.9870, 13.3174, 21.9364

Monochromacy



Original Color

149.3940, 36.2878, 27.7185



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.2090, 13.2080, 10.3407

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.3940, 36.2878, 27.7185 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(181, 119, 223)` looks like.

```
.text, #text, p{  
    color:rgb(181, 119, 223)  
}
```

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(181, 119, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 119, 223) }
```

Border

The CSS property to change the border of an element to YUV 149.3940, 36.2878, 27.7185 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(181, 119, 223) }
```


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

```
.border{ border-color:rgb(181, 119, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 119, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 119, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 119, 223);  
box-shadow:4px 4px 4px 4px rgb(181, 119,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 149.3940, 36.2878, 27.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 119, 223) }
```

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

```
.background{ background-color: rgb(181,  
119, 223) }
```

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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