

Converting Colors

YUV(148.6690, 39.1102, 9.0603)

Have a look what the booklet for
YUV(148.6690, 39.1102, 9.0603)
contains.

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Color

**YUV(148.6690, 39.1102,
9.0603)**

Conversions

Conversions Part 1

Format	Color
Hex	9F80E4
RGB	159, 128, 228
RGB Percent	62%, 50%, 89%
CMY	0.3765, 0.4980, 0.1059
CMYK	0.30, 0.44, 0.00, 0.11
HSL	259°, 65%, 70%
HSV	259°, 44%, 89%
XYZ	36.0208, 28.4107, 76.9841
YIQ	148.6690, -13.6240, 37.6720

Conversions

Conversions Part 2

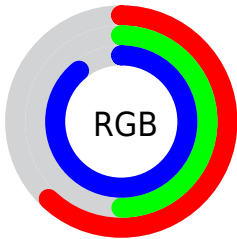
Format	Color
R_{YB}	159, 128, 228
Decimal	10453220
CIE _{Lab}	60.26, 33.14, -46.69
CIE _{LCh}	60, 57.256, 305.360
Yxy	28.4107, 0.2547, 0.2009
Android (android.graphics.Color)	4288643300 (0xFF9F80E4)
YUV	148.6690, 39.1102, 9.0603
Hunter-Lab	53.3017, 27.3508, -48.3219

Details

The YUV color **148.6690, 39.1102, 9.0603** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **207.3310, -39.1102, -9.0603**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.9010, 27.1638, 14.1188**, and **96.4900, 37.2264, 6.5863** is the 20% darker color. If you saturate the color by 10%, you get **130.3840, 48.1247, 11.0642**, and if you desaturate by 10%, it is **166.9540, 30.0957, 7.0563**.

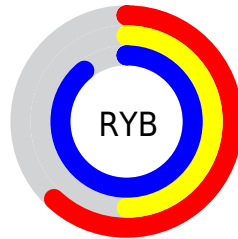
Distribution



Red (62%)

Green (50%)

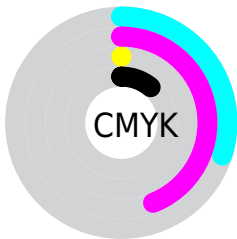
Blue (89%)



Red (62%)

Yellow (50%)

Blue (89%)

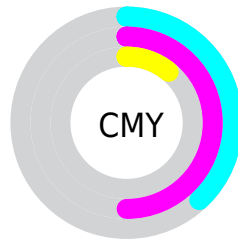


Cyan (30%)

Magenta (44%)

Yellow (0%)

Black (11%)



Cyan (38%)

Magenta (50%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.6690, 39.1102, 9.0603 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 148.6690, 39.1102, 9.0603 by changing the saturation by 10% instead.

■ 148.6690, 39.1102,
9.0603

■ 148.6690, 39.1102,
9.0603

255.0000, 0.0000,
0.0000

■ 122.4300, 38.2420,
7.5159

■ 199.9010, 27.1638,
14.1188

■ 96.4900, 37.2264,
6.5863

■ 225.0080, 14.7861,
17.5330

■ 71.8380, 36.0689,
4.5271

■ 244.4340, 5.2090,
9.2664

■ 47.3000, 35.3481,
2.3679

■ 22.2670, 35.3644,
-2.8652

■ 7.9800, 30.5759,
-6.9985

■ 7.5920, 18.9351,

-6.6582

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 148.6690, 39.1102,
9.0603

■ 148.6690, 39.1102,
9.0603

■ 130.3840, 48.1247,
11.0642

■ 166.9540, 30.0957,
7.0563

■ 112.3980, 56.9918,
13.6830

■ 184.9400, 21.2286,
4.4376

■ 94.7000, 65.7169,
15.1721

■ 202.6380, 12.5035,
2.9485

■ 76.4150, 74.7314,
17.1760

■ 220.9230, 3.4890,
0.9445

■ 58.1300, 83.7459,
19.1800

■ 239.2080, -5.5255,
-1.0594

■ 47.2210, 89.1240,
20.8542

■ 251.3240,
-11.4987, 1.4699

■ 251.9220,
-11.7935, 2.6994

Harmonies

Analogous

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



128.6740, 57.8417, -72.5051



148.6690, 39.1102, 9.0603



147.9280, 19.7555, 57.0681

Triad

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



148.6690, 39.1102, 9.0603



141.6580, -44.6944, 55.5509



117.2320, 17.6336, -102.8125

Complementary

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



148.6690, 39.1102, 9.0603



207.3310, -39.1102, -9.0603

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.



110.1410, -4.5065, -94.8397



148.6690, 39.1102, 9.0603



138.3150, -51.4273, 21.6487

Square

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



148.6690, 39.1102, 9.0603



142.7250, -25.9934, 77.4172



133.0200, -37.4779, -19.3115



121.6440, 39.6155, -106.6818

Rectangle

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



148.6690, 39.1102, 9.0603



145.1510, 4.8556, 76.1666



133.0200, -37.4779, -19.3115



114.5930, 10.0607, -100.4981

Sweetspot

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



148.6690, 39.1102, 9.0603



228.7520, 12.9403, 2.8485



180.4900, 23.4224, -46.0337



111.1880, 8.2883, 1.5891



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.



148.6690, 39.1102, 9.0603



147.9480, 52.7766, 12.3236



163.3200, 31.8872, 39.1844



105.5640, 4.6519, 1.2594



36.8510, 70.0795, 15.9167



10.5980, 19.9182, 4.7376

Inverse Universe

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



165.7660, 15.3984, 54.5792



170.9670, 20.7223, 73.6969



192.6800, -31.8872, -39.1844



107.5000, 1.7255, 6.5775



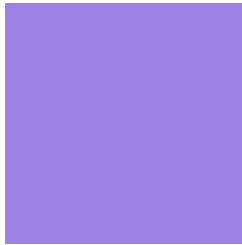
67.5430, 27.3403, 97.7478



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 148.6690, 39.1102, 9.0603 looks on a white background.

Color Contrast Check

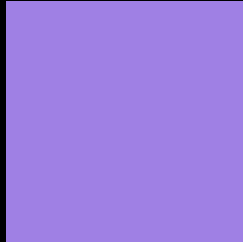
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.6690, 39.1102, 9.0603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

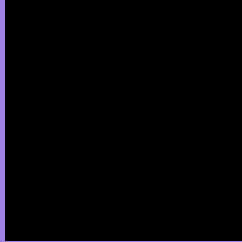
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.6690, 39.1102, 9.0603

Background



This preview shows how black text looks on a background with the YUV color 148.6690, 39.1102, 9.0603.



This preview shows how white text looks on a background with the YUV color 148.6690, 39.1102, 9.0603.

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

148.6690, 39.1102, 9.0603

Protanopia

142.2230, 48.6971, -32.6446

Deuteranopia

142.0460, 40.4033, -32.4893



Tritanopia

145.6670, 5.0942, -0.5850

Trichromacy



Original Color

148.6690, 39.1102, 9.0603

Protanomaly

144.6980, 45.0119, -17.2751

Deuteranomaly

144.6180, 39.6283, -17.2050

Tritanomaly

146.6040, 17.4502, 2.9783

Monochromacy



Original Color

148.6690, 39.1102, 9.0603

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8060, 14.3926, 3.6781

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6690, 39.1102, 9.0603 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(159, 128, 228)` looks like.

```
.text, #text, p{  
    color:rgb(159, 128, 228)  
}
```

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(159, 128, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 128, 228) }
```

Border

The CSS property to change the border of an element to YUV 148.6690, 39.1102, 9.0603 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(159, 128, 228) }
```


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

```
.border{ border-color:rgb(159, 128, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 128, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 128, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 128, 228);  
box-shadow:4px 4px 4px 4px rgb(159, 128,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 148.6690, 39.1102, 9.0603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 128, 228) }
```

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

```
.background{ background-color: rgb(159,  
128, 228) }
```

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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