

Converting Colors

YUV(148.9620, 41.4307,
11.4343)

Have a look what the booklet for
YUV(148.9620, 41.4307, 11.4343)
contains.

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Color

**YUV(148.9620, 41.4307,
11.4343)**

Conversions

Conversions Part 1

Format	Color
Hex	A27EE9
RGB	162, 126, 233
RGB Percent	64%, 49%, 91%
CMY	0.3647, 0.5059, 0.0863
CMYK	0.30, 0.46, 0.00, 0.09
HSL	260°, 71%, 70%
HSV	260°, 46%, 91%
XYZ	37.0691, 28.4863, 80.6354
YIQ	148.9620, -12.8910, 40.9090

Conversions

Conversions Part 2

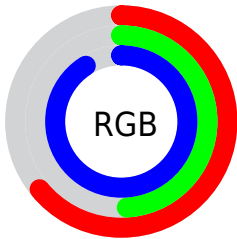
Format	Color
RYB	162, 126, 233
Decimal	10649321
CIELab	60.33, 36.32, -49.35
CIElCh	60, 61.276, 306.351
Yxy	28.4863, 0.2536, 0.1949
Android (android.graphics.Color)	4288839401 (0xFFA27EE9)
YUV	148.9620, 41.4307, 11.4343
Hunter-Lab	53.3725, 30.5726, -52.2148

Details

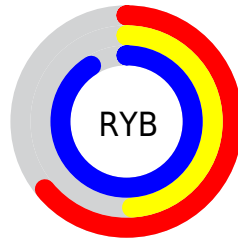
The YUV color **148.9620, 41.4307, 11.4343** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **210.0380, -41.4307, -11.4343**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.6240, 27.3004, 16.9928**, and **96.7830, 39.5470, 8.9603** is the 20% darker color. If you saturate the color by 10%, you get **130.9760, 50.2978, 14.0530**, and if you desaturate by 10%, it is **166.9480, 32.5636, 8.8156**.

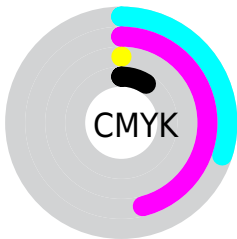
Distribution



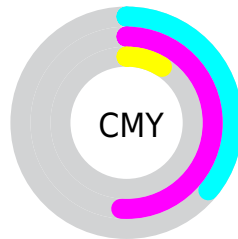
- Red (64%)
- Green (49%)
- Blue (91%)



- Red (64%)
- Yellow (49%)
- Blue (91%)



- Cyan (30%)
- Magenta (46%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.9620, 41.4307, 11.4343 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 148.9620, 41.4307, 11.4343 by changing the saturation by 10% instead.

■ 148.9620, 41.4307,
11.4343

■ 148.9620, 41.4307,
11.4343

255.0000, 0.0000,
0.0000

■ 122.7230, 40.5626,
9.8899

■ 199.6240, 27.3004,
16.9928

■ 96.7830, 39.5470,
8.9603

■ 225.0300, 14.7752,
21.0217

■ 71.5440, 38.6788,
7.4159

■ 243.2600, 5.7878,
10.2960

■ 47.1800, 37.3793,
4.2271

■ 20.6740, 38.1217,
-0.5911

■ 8.3220, 31.8863,
-7.2984

■ 8.0480, 20.6823,

-7.0581

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 148.9620, 41.4307,
11.4343

■ 148.9620, 41.4307,
11.4343

■ 130.9760, 50.2978,
14.0530

■ 166.9480, 32.5636,
8.8156

■ 112.1040, 59.6017,
16.5718

■ 185.8200, 23.2597,
6.2969

■ 94.1180, 68.4688,
19.1905

■ 203.8060, 14.3926,
3.6781

■ 75.8330, 77.4833,
21.1945

■ 222.0910, 5.3781,
1.6742

■ 57.8470, 86.3504,
23.8132

■ 240.6640, -3.7784,
-1.4593

■ 49.8840, 90.2762,
24.6577

■ 252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



123.7910, 63.7000, -84.8857



148.9620, 41.4307, 11.4343



147.6020, 20.9022, 62.6160

Triad

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



148.9620, 41.4307, 11.4343



141.1160, -49.3572, 57.7803



118.1610, 18.6546, -103.6272

Complementary

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



148.9620, 41.4307, 11.4343



210.0380, -41.4307, -11.4343

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.



110.0160, -4.9379, -96.4840



148.9620, 41.4307, 11.4343



137.0070, -57.6845, 21.9189

Square

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



148.9620, 41.4307, 11.4343



141.7750, -28.4831, 82.6353



131.1290, -39.5036, -22.9151



123.5020, 41.6575, -108.3113

Rectangle

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



148.9620, 41.4307, 11.4343



143.8960, 4.9813, 82.5292



131.1290, -39.5036, -22.9151



115.4080, 10.6449, -101.2128

Sweetspot

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



148.9620, 41.4307, 11.4343



226.6920, 13.9558, 3.7781



179.8750, 26.1906, -47.2484



110.6010, 8.5777, 2.1039



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.



148.9620, 41.4307, 11.4343



145.0130, 54.2236, 14.8976



164.8090, 33.6182, 44.0175



108.4500, 4.2152, 1.3594



38.8730, 70.0686, 19.4054



11.5380, 20.9338, 5.6672

Inverse Universe

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



166.0870, 15.2401, 58.6827



167.4620, 19.9852, 76.7708



194.1910, -33.6182, -44.0175



110.0870, 1.4361, 6.0627



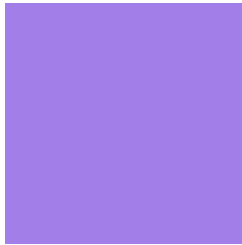
67.7990, 25.7351, 99.2773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 148.9620, 41.4307, 11.4343 looks on a white background.

Color Contrast Check

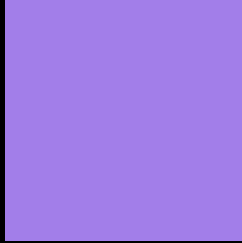
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.9620, 41.4307, 11.4343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

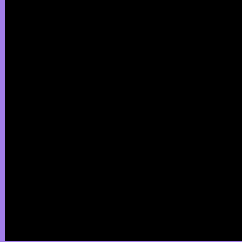
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.9620, 41.4307, 11.4343

Background



This preview shows how black text looks on a background with the YUV color 148.9620, 41.4307, 11.4343.



This preview shows how white text looks on a background with the YUV color 148.9620, 41.4307, 11.4343.

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

148.9620, 41.4307, 11.4343

Protanopia

141.5260, 52.4917, -36.4183

Deuteranopia

141.1210, 43.3243, -36.0631



Tritanopia

146.1510, 4.3626, 0.7446

Trichromacy



Original Color

148.9620, 41.4307, 11.4343

Protanomaly

144.3110, 48.6537, -18.6897

Deuteranomaly

144.0030, 42.3965, -18.4196

Tritanomaly

146.7290, 17.8816, 4.6227

Monochromacy



Original Color

148.9620, 41.4307, 11.4343

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.3330, 15.1188, 4.0930

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.9620, 41.4307, 11.4343 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(162, 126, 233)` looks like.

```
.text, #text, p{  
    color:rgb(162, 126, 233)  
}
```

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(162, 126, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 126, 233) }
```

Border

The CSS property to change the border of an element to YUV 148.9620, 41.4307, 11.4343 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(162, 126, 233) }
```


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

```
.border{ border-color:rgb(162, 126, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 126, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 126, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 126, 233);  
box-shadow:4px 4px 4px 4px rgb(162, 126,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 148.9620, 41.4307, 11.4343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 126, 233) }
```

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

```
.background{ background-color: rgb(162,  
126, 233) }
```

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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