

Converting Colors

YUV(151.4860, 36.7354,
24.1298)

Have a look what the booklet for
YUV(151.4860, 36.7354, 24.1298)
contains.

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Color

**YUV(151.4860, 36.7354,
24.1298)**

Conversions

Conversions Part 1

Format	Color
Hex	B37BE2
RGB	179, 123, 226
RGB Percent	70%, 48%, 89%
CMY	0.2980, 0.5176, 0.1137
CMYK	0.21, 0.46, 0.00, 0.11
HSL	273°, 64%, 68%
HSV	273°, 46%, 89%
XYZ	39.4008, 29.2406, 75.5189
YIQ	151.4860, 0.3130, 43.9050

Conversions

Conversions Part 2

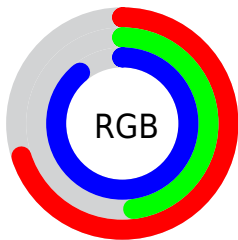
Format	Color
R_{YB}	179, 123, 226
Decimal	11762658
CIE _{Lab}	60.99, 40.95, -44.29
CIE _{LCh}	61, 60.316, 312.754
Yxy	29.2406, 0.2733, 0.2028
Android (android.graphics.Color)	4289952738 (0xFFB37BE2)
YUV	151.4860, 36.7354, 24.1298
Hunter-Lab	54.0746, 35.4315, -44.9503

Details

The YUV color **151.4860, 36.7354, 24.1298** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **197.5140, -36.7354, -24.1298**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.5330, 25.3732, 28.4736**, and **98.7200, 35.1410, 22.1706** is the 20% darker color. If you saturate the color by 10%, you get **134.9950, 44.8655, 29.8224**, and if you desaturate by 10%, it is **167.9770, 28.6053, 18.4372**.

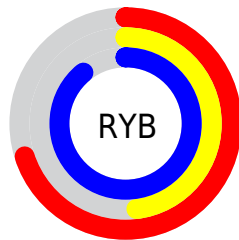
Distribution



Red (70%)

Green (48%)

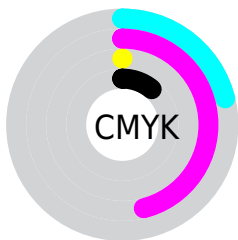
Blue (89%)



Red (70%)

Yellow (48%)

Blue (89%)

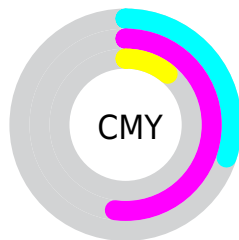


Cyan (21%)

Magenta (46%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (52%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.4860, 36.7354, 24.1298 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 151.4860, 36.7354, 24.1298 by changing the saturation by 10% instead.

151.4860, 36.7354,
24.1298

151.4860, 36.7354,
24.1298

255.0000, 0.0000,
0.0000

124.6600, 36.1566,
23.1002

203.5330, 25.3732,
28.4736

98.7200, 35.1410,
22.1706

225.0630, 14.7589,
26.2547

73.4810, 34.2729,
20.6262

242.0860, 6.3666,
11.3256

48.0680, 33.9835,
20.1114

23.6440, 33.6995,
17.8522

14.3300, 26.4593,
6.7266

6.3040, 19.0771,

-5.5286

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 151.4860, 36.7354,
24.1298

■ 151.4860, 36.7354,
24.1298

■ 134.9950, 44.8655,
29.8224

■ 167.9770, 28.6053,
18.4372

■ 118.7920, 52.8535,
34.3854

■ 184.1800, 20.6173,
13.8741

■ 102.3010, 60.9836,
40.0780

■ 200.6710, 12.4872,
8.1815

■ 86.3970, 68.8243,
45.2558

■ 216.5750, 4.6465,
3.0037

69.6070, 77.1017,
50.3337

233.3650, -3.6309,
-2.0741

62.5410, 80.5853,
53.0225

247.5080,
-10.6034, -5.7075

250.4980,
-12.0775, 0.4403

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.



138.6600, 55.8766, -48.8138



151.4860, 36.7354, 24.1298



148.5660, 15.4970, 69.6636

Triad

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



151.4860, 36.7354, 24.1298



142.2030, -51.3721, 50.6880



120.8170, 23.7542, -105.9565

Complementary

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



151.4860, 36.7354, 24.1298



197.5140, -36.7354, -24.1298

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.



113.3730, 0.3091, -99.4281



151.4860, 36.7354, 24.1298



138.2770, -53.8736, 12.9121

Square

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



151.4860, 36.7354, 24.1298



143.8900, -32.9768, 77.2725



131.2570, -33.6507, -33.5514



124.6420, 46.0255, -109.3110

Rectangle

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



151.4860, 36.7354, 24.1298



145.1260, -0.5551, 84.9585



131.2570, -33.6507, -33.5514



118.1780, 16.1812, -103.6421

Sweetspot

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



151.4860, 36.7354, 24.1298



229.0840, 12.7766, 8.6963



162.9180, 31.0994, -35.0081



112.0960, 7.8407, 5.1778



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.



151.4860, 36.7354, 24.1298



153.6840, 49.9488, 32.7261



165.1970, 28.4969, 53.3242



104.0480, 3.9203, 2.5889



48.7680, 62.7254, 41.4225



13.2460, 17.1337, 11.1853

Inverse Universe

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



159.1550, 5.3466, 58.6231



164.1560, 7.3181, 79.6702



183.8030, -28.4969, -53.3242



104.8590, 0.5625, 6.2627



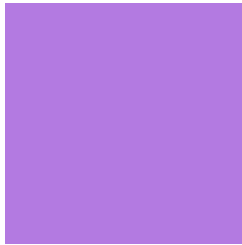
61.7440, 9.0002, 100.2025



16.8600, 2.5340, 27.3098

Previews

White Background



This preview shows how the YUV color 151.4860, 36.7354, 24.1298 looks on a white background.

Color Contrast Check

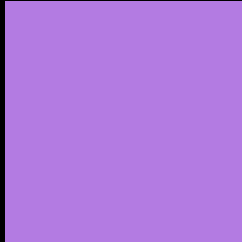
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.4860, 36.7354, 24.1298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

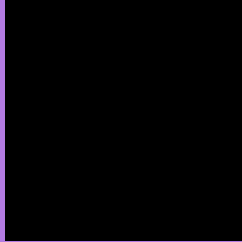
Any Text WCAG AA ✓ Pass

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 151.4860, 36.7354, 24.1298 Background



This preview shows how black text looks on a background with the YUV color 151.4860, 36.7354, 24.1298.



This preview shows how white text looks on a background with the YUV color 151.4860, 36.7354,

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

151.4860, 36.7354, 24.1298

Protanopia

144.1520, 49.7181, -33.4593

Deuteranopia

145.2700, 37.3349, -28.3008



Tritanopia

149.0280, 0.9722, 14.8844

Trichromacy



Original Color

151.4860, 36.7354, 24.1298



Protanomaly

146.7310, 44.9956, -12.0421



Deuteranomaly

147.3910, 37.2752, -9.1129



Tritanomaly

150.0790, 13.7651, 18.3477

Monochromacy



Original Color

151.4860, 36.7354, 24.1298



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.1980, 13.2134, 8.5964

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.4860, 36.7354, 24.1298 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(179, 123, 226)` looks like.

```
.text, #text, p{  
    color:rgb(179, 123, 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(179, 123, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 123, 226) }
```

Border

The CSS property to change the border of an element to YUV 151.4860, 36.7354, 24.1298 is called "border". The border property can be set on classes, ids or directly on the HTML element.

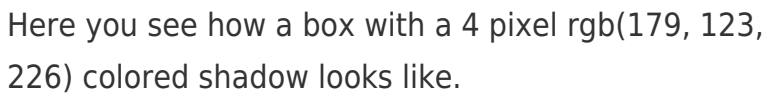
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 123, 226) }
```


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

```
.border{ border-color:rgb(179, 123, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 123, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 123, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 123, 226); box-shadow:4px 4px 4px 4px rgb(179, 123, 226) }
```

Background

The CSS property to change the background color of an element to YUV 151.4860, 36.7354, 24.1298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 123, 226) }
```

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

```
.background{ background-color: rgb(179,  
123, 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](#).

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