

Converting Colors

YUV(152.8740, 41.4741,
-2.5205)

Have a look what the booklet for
YUV(152.8740, 41.4741, -2.5205)
contains.

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Color

**YUV(152.8740, 41.4741,
-2.5205)**

Conversions

Conversions Part 1

Format	Color
Hex	968AED
RGB	150, 138, 237
RGB Percent	59%, 54%, 93%
CMY	0.4118, 0.4588, 0.0706
CMYK	0.37, 0.42, 0.00, 0.07
HSL	247°, 73%, 74%
HSV	247°, 42%, 93%
XYZ	36.9522, 30.7754, 84.1134
YIQ	152.8740, -24.6270, 33.3330

Conversions

Conversions Part 2

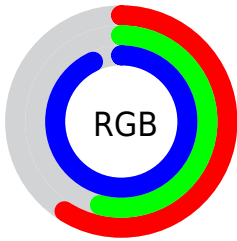
Format	Color
RYB	150, 138, 237
Decimal	9865965
CIELab	62.32, 27.35, -48.48
CIELCh	62, 55.664, 299.428
Yxy	30.7754, 0.2434, 0.2027
Android (android.graphics.Color)	4288056045 (0xFF968AED)
YUV	152.8740, 41.4741, -2.5205
Hunter-Lab	55.4756, 21.8163, -51.0640

Details

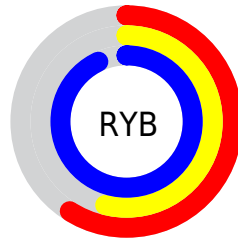
The YUV color $152.8740, 41.4741, -2.5205$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $222.1260, -41.4741, 2.5205$, and the grayscale version is $152.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $203.6670, 25.3072, 2.9230$, and $100.6950, 39.5904, -4.9945$ is the 20% darker color. If you saturate the color by 10%, you get $132.5070, 51.5150, -3.0756$, and if you desaturate by 10%, it is $173.2410, 31.4332, -1.9654$.

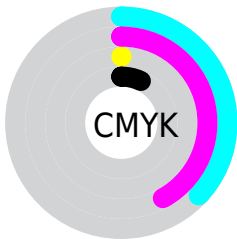
Distribution



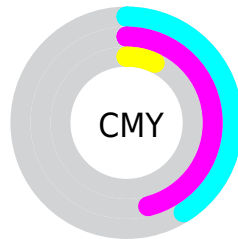
- Red (59%)
- Green (54%)
- Blue (93%)



- Red (59%)
- Yellow (54%)
- Blue (93%)



- Cyan (37%)
- Magenta (42%)
- Yellow (0%)
- Black (7%)



- Cyan (41%)
- Magenta (46%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.8740, 41.4741, -2.5205 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 152.8740, 41.4741, -2.5205 by changing the saturation by 10% instead.

■ 152.8740, 41.4741,
-2.5205

■ 152.8740, 41.4741,
-2.5205

■ 255.0000, 0.0000,
0.0000

■ 126.5210, 40.1691,
-3.9649

■ 203.6670, 25.3072,
2.9230

■ 100.6950, 39.5904,
-4.9945

■ 228.1870, 13.2188,
6.8520

■ 75.6300, 38.1434,
-7.5685

■ 250.8910, 2.0257,
3.6036

■ 50.1950, 37.8649,
-11.5720

■ 24.4280, 37.7500,
-21.4234

■ 8.7780, 33.6334,
-7.6983

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 152.8740, 41.4741,
-2.5205

■ 152.8740, 41.4741,
-2.5205

■ 132.5070, 51.5150,
-3.0756

■ 173.2410, 31.4332,
-1.9654

■ 112.7270, 61.2666,
-4.1456

■ 193.0210, 21.6816,
-0.8954

■ 92.6590, 71.1601,
-4.0859

■ 213.0890, 11.7881,
-0.9551

■ 72.2920, 81.2010,
-4.6411

■ 233.4560, 1.7472,
-0.3999

■ 51.9250, 91.2420,
-5.1962

■ 252.6490, -7.7150,
1.1848

■ 35.6890, 99.2463,
-5.8663

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



119.9580, 63.6177, -105.2032



152.8740, 41.4741, -2.5205



155.0840, 23.1296, 48.1613

Triad

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



152.8740, 41.4741, -2.5205



147.7170, -40.7795, 59.8842



119.0100, 14.2921, -104.3718

Complementary

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



152.8740, 41.4741, -2.5205



222.1260, -41.4741, 2.5205

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.



129.1900, -15.3767, -61.5566



152.8740, 41.4741, -2.5205



145.1140, -49.8492, 28.8410

Square

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



152.8740, 41.4741, -2.5205



148.5880, -21.4889, 79.2913



140.3910, -40.1258, -9.9899



124.7100, 36.1320, -109.3707

Rectangle

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



152.8740, 41.4741, -2.5205



152.1440, 8.8030, 70.0337



140.3910, -40.1258, -9.9899



117.0720, 6.8665, -102.6721

Sweetspot

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



152.8740, 41.4741, -2.5205



226.9580, 13.8247, -0.8402



200.3550, 18.0660, -54.6853



110.2910, 8.7305, -0.2552



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.



152.8740, 41.4741, -2.5205



146.9630, 53.2622, -3.4756



167.5250, 34.2512, 27.6036



107.5530, 4.6574, -0.4850



27.2120, 75.8175, -4.5709



7.9500, 22.7026, -1.7102

Inverse Universe

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



177.5190, 23.4081, 52.1648



178.7410, 30.2007, 66.8791



207.4750, -34.2512, -27.6036



110.4290, 2.7465, 5.7628



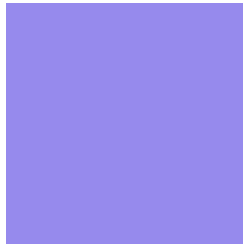
72.2450, 42.7702, 95.3781



21.5040, 12.5695, 28.4990

Previews

White Background



This preview shows how the YUV color 152.8740, 41.4741, -2.5205 looks on a white background.

Color Contrast Check

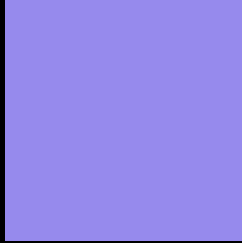
Large Text (above 18pt) WCAG AA × Fail

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 152.8740, 41.4741, -2.5205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

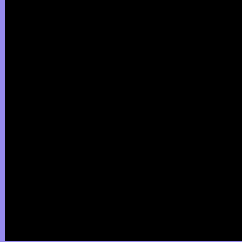
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.8740, 41.4741, -2.5205

Background



This preview shows how black text looks on a background with the YUV color 152.8740, 41.4741, -2.5205.



This preview shows how white text looks on a background with the YUV color 152.8740, 41.4741, -2.5205.

-2.5205.

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

152.8740, 41.4741, -2.5205

Protanopia

147.7070, 47.9654, -31.3150

Deuteranopia

146.7190, 43.0295, -34.8336



Tritanopia

149.3880, 8.1897, -13.4953

Trichromacy



Original Color

152.8740, 41.4741, -2.5205

Protanomaly

149.7900, 45.4595, -20.8638

Deuteranomaly

149.2690, 42.2654, -23.0379

Tritanomaly

150.6240, 20.3984, -9.3172

Monochromacy



Original Color

152.8740, 41.4741, -2.5205

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.3000, 15.1351, -1.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.8740, 41.4741, -2.5205 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(150, 138, 237)` looks like.

```
.text, #text, p{  
    color:rgb(150, 138, 237)  
}
```

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(150, 138, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 138, 237) }
```

Border

The CSS property to change the border of an element to YUV 152.8740, 41.4741, -2.5205 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(150, 138, 237) }
```


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

```
.border{ border-color:rgb(150, 138, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 138, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 138, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 138, 237);  
box-shadow:4px 4px 4px 4px rgb(150, 138,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 152.8740, 41.4741, -2.5205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 138, 237) }
```

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

```
.background{ background-color: rgb(150,  
138, 237) }
```

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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