

Converting Colors

YUV(165.4740, 34.7693, 1.3383)

Have a look what the booklet for
YUV(165.4740, 34.7693, 1.3383)
contains.

YUV(165.4740, 34.7693, 1.3383)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(165.4740, 34.7693,
1.3383)**

Conversions

Conversions Part 1

Format	Color
Hex	A797EC
RGB	167, 151, 236
RGB Percent	65%, 59%, 93%
CMY	0.3451, 0.4078, 0.0745
CMYK	0.29, 0.36, 0.00, 0.07
HSL	251°, 69%, 76%
HSV	251°, 36%, 93%
XYZ	42.1433, 36.4048, 84.1625
YIQ	165.4740, -17.7490, 29.8270

Conversions

Conversions Part 2

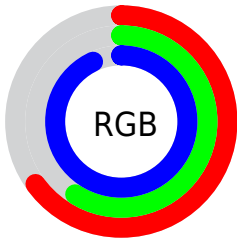
Format	Color
RYB	167, 151, 236
Decimal	10983404
CIELab	66.83, 24.25, -40.74
CIElCh	67, 47.413, 300.765
Yxy	36.4048, 0.2590, 0.2237
Android (android.graphics.Color)	4289173484 (0xFFA797EC)
YUV	165.4740, 34.7693, 1.3383
Hunter-Lab	60.3364, 19.0885, -40.4674

Details

The YUV color **165.4740, 34.7693, 1.3383** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **221.5260, -34.7693, -1.3383**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.3810, 19.0392, 6.6819**, and **113.0070, 33.0275, -0.0061** is the 20% darker color. If you saturate the color by 10%, you get **145.7050, 44.5154, 2.0127**, and if you desaturate by 10%, it is **185.2430, 25.0232, 0.6639**.

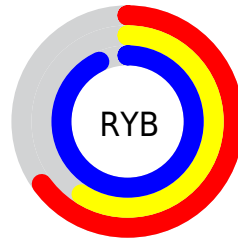
Distribution



Red (65%)

Green (59%)

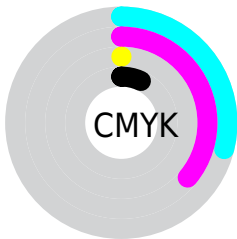
Blue (93%)



Red (65%)

Yellow (59%)

Blue (93%)

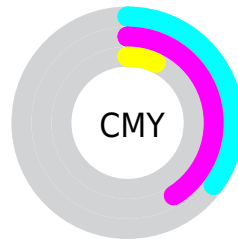


Cyan (29%)

Magenta (36%)

Yellow (0%)

Black (7%)



Cyan (35%)

Magenta (41%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4740, 34.7693, 1.3383 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 165.4740, 34.7693, 1.3383 by changing the saturation by 10% instead.

■ 165.4740, 34.7693,
1.3383

■ 165.4740, 34.7693,
1.3383

■ 255.0000, 0.0000,
0.0000

■ 138.9470, 34.0431,
0.9235

■ 216.3810, 19.0392,
6.6819

■ 113.0070, 33.0275,
-0.0061

■ 242.0750, 6.3720,
9.5812

■ 87.7680, 32.1594,
-1.5505

■ 63.4150, 30.8544,
-2.9950

■ 39.8660, 30.1391,
-6.8985

■ 15.1210, 30.0133,
-13.2611

■ 6.0420, 23.1503,

-5.2988

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 165.4740, 34.7693,
1.3383

■ 165.4740, 34.7693,
1.3383

■ 145.7050, 44.5154,
2.0127

■ 185.2430, 25.0232,
0.6639

■ 126.5230, 53.9722,
2.1723

■ 204.4250, 15.5665,
0.5043

■ 106.7540, 63.7183,
2.8467

■ 224.1940, 5.8204,
-0.1701

■ 87.2730, 73.3224,
2.3916

■ 243.6750, -3.7838,
0.2850

■ 67.5040, 83.0685,
3.0660

■ 252.8340, -8.2992,
1.8996

■ 47.7350, 92.8146,
3.7404

■ 40.0600, 96.5984,
3.4554

Harmonies

Analogous

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



152.9120, 46.8784, -56.0508



165.4740, 34.7693, 1.3383



167.1990, 18.6359, 42.7985

Triad

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



165.4740, 34.7693, 1.3383



161.3400, -35.6636, 52.3218



126.4760, 17.5133, -110.9195

Complementary

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



165.4740, 34.7693, 1.3383



221.5260, -34.7693, -1.3383

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.



146.4240, -13.5200, -50.3608



165.4740, 34.7693, 1.3383



158.9700, -41.3972, 24.5823

Square

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



165.4740, 34.7693, 1.3383



162.7500, -20.5828, 68.6252



154.2260, -33.1424, -9.8452



130.7910, 36.5850, -114.7037

Rectangle

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



165.4740, 34.7693, 1.3383



165.6930, 6.0674, 60.7822



154.2260, -33.1424, -9.8452



131.6430, 7.5710, -95.2799

Sweetspot

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



165.4740, 34.7693, 1.3383



231.6870, 11.4933, 0.2745



201.1930, 17.1599, -44.0193



113.8350, 6.9833, 0.1447



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.



165.4740, 34.7693, 1.3383



163.8190, 44.9522, 1.9127



178.0320, 28.5782, 27.1589



107.8520, 4.5100, 0.1298



30.8000, 74.0486, 2.8064



9.1460, 22.1130, 0.7490

Inverse Universe

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



184.2810, 17.6095, 45.3576



188.0360, 22.6603, 58.7274



208.9680, -28.5782, -27.1589



110.3150, 2.3097, 5.8627



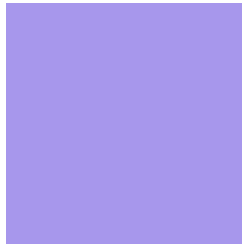
70.8770, 37.5286, 96.5779



21.0480, 10.8223, 28.8989

Previews

White Background



This preview shows how the YUV color 165.4740, 34.7693, 1.3383 looks on a white background.

Color Contrast Check

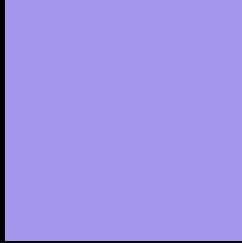
Large Text (above 18pt) WCAG AA × Fail

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 165.4740, 34.7693, 1.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

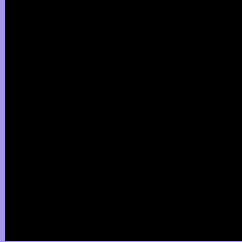
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.4740, 34.7693, 1.3383

Background



This preview shows how black text looks on a background with the YUV color 165.4740, 34.7693, 1.3383.



This preview shows how white text looks on a background with the YUV color 165.4740, 34.7693,

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

165.4740, 34.7693, 1.3383

Protanopia

161.6880, 40.0868, -24.2824

Deuteranopia

161.5480, 35.7188, -23.2826



Tritanopia

162.0900, 6.8576, -6.2179

Trichromacy



Original Color

165.4740, 34.7693, 1.3383

Protanomaly

163.1730, 37.8757, -15.0607

Deuteranomaly

162.9020, 35.5443, -13.9461

Tritanomaly

163.4460, 17.0351, -3.8991

Monochromacy



Original Color

165.4740, 34.7693, 1.3383

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.3280, 12.6563, 0.5893

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4740, 34.7693, 1.3383 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(167, 151, 236)` looks like.

```
.text, #text, p{  
    color:rgb(167, 151, 236)  
}
```

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(167, 151, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 151, 236) }
```

Border

The CSS property to change the border of an element to YUV 165.4740, 34.7693, 1.3383 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(167, 151, 236) }
```


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

```
.border{ border-color:rgb(167, 151, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 151, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 151, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 151, 236);  
box-shadow:4px 4px 4px 4px rgb(167, 151,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 165.4740, 34.7693, 1.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 151, 236) }
```

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

```
.background{ background-color: rgb(167,  
151, 236) }
```

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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