

Converting Colors

YUV(164.8030, 42.4951,
-3.3352)

Have a look what the booklet for
YUV(164.8030, 42.4951, -3.3352)
contains.

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Color

**YUV(164.8030, 42.4951,
-3.3352)**

Conversions

Conversions Part 1

Format	Color
Hex	A196FB
RGB	161, 150, 251
RGB Percent	63%, 59%, 98%
CMY	0.3686, 0.4118, 0.0157
CMYK	0.36, 0.40, 0.00, 0.02
HSL	247°, 93%, 79%
HSV	247°, 40%, 98%
XYZ	43.0169, 36.3548, 96.0167
YIQ	164.8030, -25.8650, 33.7430

Conversions

Conversions Part 2

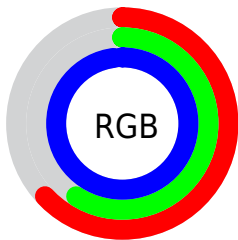
Format	Color
RYB	161, 150, 251
Decimal	10589947
CIELab	66.79, 27.03, -49.05
CIElCh	67, 56.005, 298.861
Yxy	36.3548, 0.2453, 0.2073
Android (android.graphics.Color)	4288780027 (0xFFA196FB)
YUV	164.8030, 42.4951, -3.3352
Hunter-Lab	60.2949, 21.8331, -52.2100

Details

The YUV color $164.8030, 42.4951, -3.3352$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $236.1970, -42.4951, 3.3352$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $214.0000, 20.2130, 3.5080$, and $111.6240, 40.6114, -5.8092$ is the 20% darker color. If you saturate the color by 10%, you get $143.5500, 52.9728, -3.9904$, and if you desaturate by 10%, it is $186.0560, 32.0174, -2.6801$.

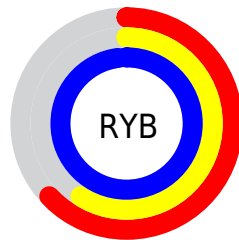
Distribution



Red (63%)

Green (59%)

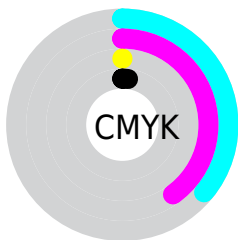
Blue (98%)



Red (63%)

Yellow (59%)

Blue (98%)

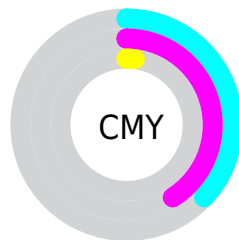


Cyan (36%)

Magenta (40%)

Yellow (0%)

Black (2%)



Cyan (37%)

Magenta (41%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.8030, 42.4951, -3.3352 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 164.8030, 42.4951, -3.3352 by changing the saturation by 10% instead.

■ 164.8030, 42.4951,
-3.3352

■ 164.8030, 42.4951,
-3.3352

255.0000, 0.0000,
0.0000

■ 137.8630, 41.4795,
-4.2649

■ 214.0000, 20.2130,
3.5080

■ 111.6240, 40.6114,
-5.8092

■ 239.4060, 7.6878,
7.5369

■ 85.9720, 39.4538,
-7.8684

■ 61.1350, 38.8804,
-10.6424

■ 34.1830, 39.3498,
-21.2085

■ 17.0760, 34.9655,
-14.9757

■ 7.2960, 27.9551,

-6.3986

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 164.8030, 42.4951,
-3.3352

■ 164.8030, 42.4951,
-3.3352

■ 143.5500, 52.9728,
-3.9904

■ 186.0560, 32.0174,
-2.6801

■ 121.9980, 63.5980,
-5.2602

■ 207.6080, 21.3923,
-1.4102

■ 100.7450, 74.0757,
-5.9154

■ 228.8610, 10.9145,
-0.7551

■ 79.4920, 84.5534,
-6.5705

■ 250.1140, 0.4368,
-0.1000

■ 57.9400, 95.1786,
-7.8404

■ 254.5440, -1.7472,
0.3999

■ 36.6870, 105.6563,
-8.4955

Harmonies

Analogous

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



139.0370, 57.1698, -90.3634



164.8030, 42.4951, -3.3352



167.1980, 23.5664, 48.0614

Triad

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



164.8030, 42.4951, -3.3352



159.9130, -41.3691, 62.3433



127.8950, 15.3348, -112.1639

Complementary

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



164.8030, 42.4951, -3.3352



236.1970, -42.4951, 3.3352

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.



141.8590, -16.6925, -59.5123



164.8030, 42.4951, -3.3352



157.1250, -49.8546, 30.5854

Square

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



164.8030, 42.4951, -3.3352



161.1860, -21.7837, 80.5209



152.4620, -41.1468, -9.1752



133.7090, 37.6115, -117.2628

Rectangle

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



164.8030, 42.4951, -3.3352



164.5570, 9.0924, 70.5485



152.4620, -41.1468, -9.1752



125.2560, 7.7618, -109.8495

Sweetspot

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



164.8030, 42.4951, -3.3352



228.7300, 12.9511, -0.6402



214.9310, 17.7820, -56.9445



112.6500, 7.5676, -0.5700



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.



164.8030, 42.4951, -3.3352



150.7950, 51.3731, -4.2052



179.7530, 35.1248, 27.4036



114.0800, 5.3836, -0.0702



27.8250, 79.4593, -5.9855



9.0470, 25.6128, -1.7952

Inverse Universe

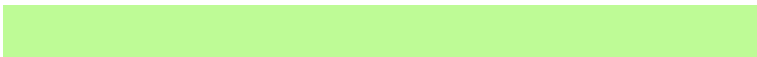
The Inverse Universe completely reimagines the original color for something new.



190.4590, 24.4237, 53.0945



181.9040, 29.6273, 64.1052



221.2470, -35.1248, -27.4036



117.2550, 3.3253, 6.7924



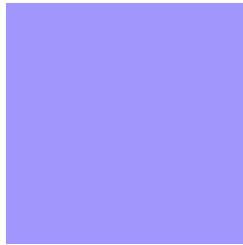
75.6630, 45.5221, 99.3965



24.5090, 15.0321, 32.0026

Previews

White Background



This preview shows how the YUV color 164.8030, 42.4951, -3.3352 looks on a white background.

Color Contrast Check

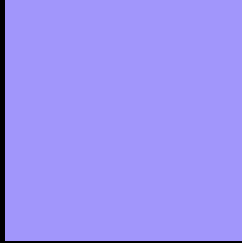
Large Text (above 18pt) WCAG AA × Fail

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 164.8030, 42.4951, -3.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

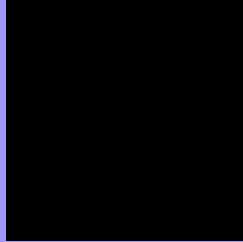
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.8030, 42.4951, -3.3352

Background



This preview shows how black text looks on a background with the YUV color 164.8030, 42.4951, -3.3352.



This preview shows how white text looks on a background with the YUV color 164.8030, 42.4951, -3.3352.

-3.3352.

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

164.8030, 42.4951, -3.3352

Protanopia

160.0770, 46.7970, -29.8855

Deuteranopia

159.2460, 43.7557, -34.4187



Tritanopia

160.6160, 9.0633, -13.6952

Trichromacy



Original Color

164.8030, 42.4951, -3.3352

Protanomaly

162.0890, 45.3121, -20.2491

Deuteranomaly

161.4970, 43.1390, -23.2379

Tritanomaly

162.4390, 20.9826, -10.0320

Monochromacy



Original Color

164.8030, 42.4951, -3.3352

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.3000, 15.1351, -1.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.8030, 42.4951, -3.3352 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(161, 150, 251)` looks like.

```
.text, #text, p{  
    color:rgb(161, 150, 251)  
}
```

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(161, 150, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 150, 251) }
```

Border

The CSS property to change the border of an element to YUV 164.8030, 42.4951, -3.3352 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(161, 150, 251) }
```


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

```
.border{ border-color:rgb(161, 150, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 150, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 150, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 150, 251);  
box-shadow:4px 4px 4px 4px rgb(161, 150,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 164.8030, 42.4951, -3.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 150, 251) }
```

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

```
.background{ background-color: rgb(161,  
150, 251) }
```

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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