

Converting Colors

YUV(164.3650, 36.7951, 4.9419)

Have a look what the booklet for
YUV(164.3650, 36.7951, 4.9419)
contains.

YUV(164.3650, 36.7951, 4.9419)	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(164.3650, 36.7951,
4.9419)**

Conversions

Conversions Part 1

Format	Color
Hex	AA93EF
RGB	170, 147, 239
RGB Percent	67%, 58%, 94%
CMY	0.3333, 0.4235, 0.0627
CMYK	0.29, 0.38, 0.00, 0.06
HSL	255°, 74%, 76%
HSV	255°, 38%, 94%
XYZ	42.5913, 35.6455, 86.2968
YIQ	164.3650, -15.8240, 33.4880

Conversions

Conversions Part 2

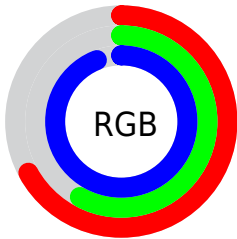
Format	Color
R _Y B	170, 147, 239
Decimal	11178991
CIE Lab	66.25, 28.10, -43.28
CIE LCh	66, 51.601, 302.993
Yxy	35.6455, 0.2589, 0.2166
Android (android.graphics.Color)	4289369071 (0xFFAA93EF)
YUV	164.3650, 36.7951, 4.9419
Hunter-Lab	59.7038, 22.8559, -43.9060

Details

The YUV color **164.3650, 36.7951, 4.9419** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **221.6350, -36.7951, -4.9419**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9300, 19.7545, 10.5854**, and **111.5990, 35.2007, 2.9827** is the 20% darker color. If you saturate the color by 10%, you get **144.8950, 46.3938, 6.2311**, and if you desaturate by 10%, it is **183.8350, 27.1963, 3.6527**.

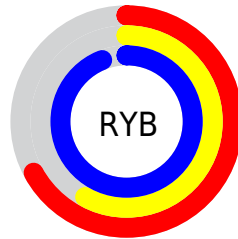
Distribution



Red (67%)

Green (58%)

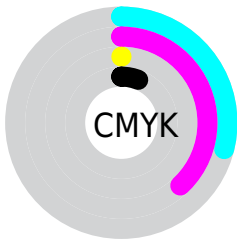
Blue (94%)



Red (67%)

Yellow (58%)

Blue (94%)

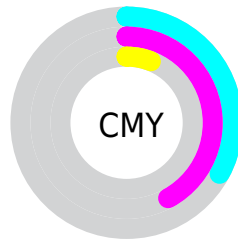


Cyan (29%)

Magenta (38%)

Yellow (0%)

Black (6%)



Cyan (33%)

Magenta (42%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.3650, 36.7951, 4.9419 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 164.3650, 36.7951, 4.9419 by changing the saturation by 10% instead.

■ 164.3650, 36.7951,
4.9419

■ 164.3650, 36.7951,
4.9419

255.0000, 0.0000,
0.0000

■ 137.4250, 35.7795,
4.0123

■ 214.9300, 19.7545,
10.5854

■ 111.5990, 35.2007,
2.9827

■ 239.7380, 7.5242,
13.3848

■ 86.5450, 33.7483,
2.1530

■ 62.0070, 33.0275,
-0.0061

■ 38.3440, 31.8754,
-3.8097

■ 13.1150, 32.4813,
-11.5019

■ 6.2700, 24.0239,

-5.4988

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 164.3650, 36.7951,
4.9419

■ 164.3650, 36.7951,
4.9419

■ 144.8950, 46.3938,
6.2311

■ 183.8350, 27.1963,
3.6527

■ 125.4250, 55.9925,
7.5203

■ 203.3050, 17.5976,
2.3635

■ 105.9550, 65.5912,
8.8095

■ 222.7750, 7.9989,
1.0743

■ 86.4850, 75.1899,
10.0987

■ 242.2450, -1.5998,
-0.2149

■ 67.0150, 84.7886,
11.3878

■ 253.1760, -6.9888,
1.5996

■ 48.1320, 94.0979,
12.1622

■ 45.1860, 95.5503,
12.9919

Harmonies

Analogous

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



149.6280, 50.9624, -59.3098



164.3650, 36.7951, 4.9419



165.3570, 19.0510, 49.6759

Triad

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



164.3650, 36.7951, 4.9419



158.9120, -39.8896, 54.4512



126.7040, 18.3869, -111.1194

Complementary

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



164.3650, 36.7951, 4.9419



221.6350, -36.7951, -4.9419

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.



140.8140, -11.7403, -61.2269



164.3650, 36.7951, 4.9419



155.9330, -45.3230, 23.7378

Square

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



164.3650, 36.7951, 4.9419



160.3870, -23.3618, 73.3286



151.0360, -35.0207, -14.0636



131.3610, 38.7690, -115.2036

Rectangle

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



164.3650, 36.7951, 4.9419



163.5090, 5.1721, 67.9596



151.0360, -35.0207, -14.0636



124.8800, 11.3982, -109.5198

Sweetspot

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



164.3650, 36.7951, 4.9419



229.9260, 12.3615, 1.8189



197.9910, 20.2174, -44.7191



113.2480, 7.2727, 0.6595



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.



164.3650, 36.7951, 4.9419



160.0090, 46.8306, 6.1311



178.1190, 30.0143, 33.2216



110.2650, 4.7994, 0.6446



34.7300, 73.5901, 9.8838



10.5700, 22.3970, 3.0081

Inverse Universe

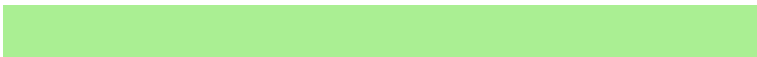
The Inverse Universe completely reimagines the original color for something new.



182.3740, 16.5776, 49.6610



183.0150, 21.1916, 63.1308



207.8810, -30.0143, -33.2216



112.6140, 2.1623, 6.4775



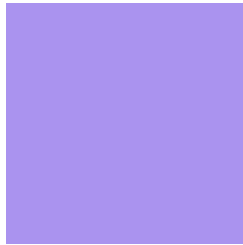
70.7480, 33.1552, 99.3220



21.5320, 10.0907, 30.2284

Previews

White Background



This preview shows how the YUV color 164.3650, 36.7951, 4.9419 looks on a white background.

Color Contrast Check

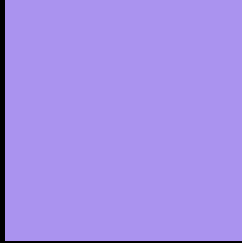
Large Text (above 18pt) WCAG AA × Fail

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 164.3650, 36.7951, 4.9419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

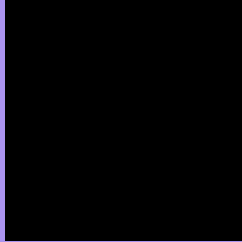
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.3650, 36.7951, 4.9419

Background



This preview shows how black text looks on a background with the YUV color 164.3650, 36.7951, 4.9419.



This preview shows how white text looks on a background with the YUV color 164.3650, 36.7951,

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

164.3650, 36.7951, 4.9419

Protanopia

159.2900, 43.7340, -27.4413

Deuteranopia

159.3950, 37.7663, -26.6564



Tritanopia

161.1720, 5.8312, -3.6588

Trichromacy



Original Color

164.3650, 36.7951, 4.9419

Protanomaly

161.0850, 41.3701, -15.8605

Deuteranomaly

161.0590, 37.4389, -14.9607

Tritanomaly

162.4680, 17.0243, -0.4104

Monochromacy



Original Color

164.3650, 36.7951, 4.9419

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1540, 13.2351, 1.6189

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.3650, 36.7951, 4.9419 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(170, 147, 239)` looks like.

```
.text, #text, p{  
    color:rgb(170, 147, 239)  
}
```

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(170, 147, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 147, 239) }
```

Border

The CSS property to change the border of an element to YUV 164.3650, 36.7951, 4.9419 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(170, 147, 239) }
```


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

```
.border{ border-color:rgb(170, 147, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 147, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 147, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 147, 239); box-shadow:4px 4px 4px 4px rgb(170, 147, 239) }
```

Background

The CSS property to change the background color of an element to YUV 164.3650, 36.7951, 4.9419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 147, 239) }
```

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

```
.background{ background-color: rgb(170,  
147, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor