

Converting Colors

YUV(181.6250, 36.1739,
64.3499)

Have a look what the booklet for
YUV(181.6250, 36.1739, 64.3499)
contains.

YUV(181.6250, 36.1739, 64.3499)	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(181.6250, 36.1739,
64.3499)**

Conversions

Conversions Part 1

Format	Color
Hex	FF82FF
RGB	255, 130, 255
RGB Percent	100%, 51%, 100%
CMY	0.0000, 0.4902, 0.0000
CMYK	0.00, 0.49, 0.00, 0.00
HSL	300°, 100%, 75%
HSV	300°, 49%, 100%
XYZ	67.2726, 44.4453, 99.6409
YIQ	181.6250, 34.3750, 65.3750

Conversions

Conversions Part 2

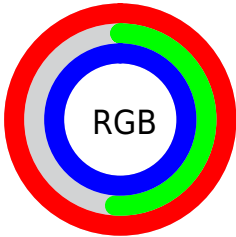
Format	Color
R _Y B	255, 130, 255
Decimal	16745215
CIE _{Lab}	72.53, 64.02, -41.54
CIE _{LCh}	73, 76.316, 327.019
Yxy	44.4453, 0.3183, 0.2103
Android (android.graphics.Color)	4294935295 (0xFFFF82FF)
YUV	181.6250, 36.1739, 64.3499
Hunter-Lab	66.6673, 63.4531, -41.9477

Details

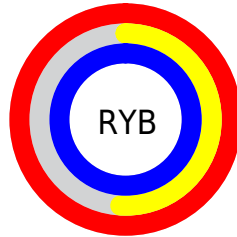
The YUV color **181.6250, 36.1739, 64.3499** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **203.3750, -36.1739, -64.3499**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0840, 19.6786, 35.0063**, and **124.6140, 36.1793, 62.6055** is the 20% darker color. If you saturate the color by 10%, you get **166.9500, 43.4087, 77.2199**, and if you desaturate by 10%, it is **196.3000, 28.9391, 51.4799**.

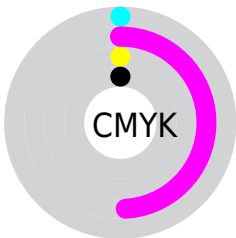
Distribution



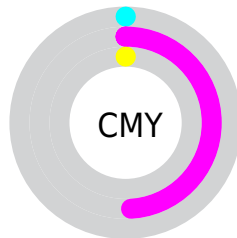
- Red (100%)
- Green (51%)
- Blue (100%)



- Red (100%)
- Yellow (51%)
- Blue (100%)



- Cyan (0%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 181.6250, 36.1739, 64.3499 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 181.6250, 36.1739, 64.3499 by changing the saturation by 10% instead.


 181.6250, 36.1739,
64.3499


 181.6250, 36.1739,
64.3499


255.0000, 0.0000,
0.0000


 152.9130, 36.0319,
63.2203


 215.0840, 19.6786,
35.0063


 124.6140, 36.1793,
62.6055


 232.1070, 11.2862,
20.0772

 94.5540, 37.1949,
63.5351

 249.1300, 2.8939,
5.1480

 57.8630, 41.9725,
71.1571

 46.5270, 34.7432,
56.5428

 35.3050, 27.9506,
41.8285

 25.0940, 21.1527,

28.8586

■ 14.1000, 15.2337,
13.9443

■ 3.2090, 9.7570,
-2.8143

■ 181.6250, 36.1739,
64.3499

■ 181.6250, 36.1739,
64.3499

■ 166.9500, 43.4087,
77.2199

■ 196.3000, 28.9391,
51.4799

■ 151.6880, 50.9328,
90.6046

■ 211.5620, 21.4149,
38.0951

■ 136.4260, 58.4570,
103.9894

■ 226.8240, 13.8908,
24.7104

■ 121.7510, 65.6918,
116.8594

■ 241.4990, 6.6560,
11.8404

■ 106.4890, 73.2159, 255.0000, 0.0000,
130.2441 0.0000

■ 105.3150, 73.7947,
131.2737

Harmonies

Analogous

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



172.9010, 40.4748, -8.6832



181.6250, 36.1739, 64.3499



161.0730, 13.2750, 82.3740

Triad

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



181.6250, 36.1739, 64.3499



166.1460, -81.9100, 45.4760



150.6300, 44.0594, -132.1025

Complementary

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



181.6250, 36.1739, 64.3499



203.3750, -36.1739, -64.3499

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.



142.4220, 12.6100, -124.9041



181.6250, 36.1739, 64.3499



161.2020, -63.6966, -9.8242

Square

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



181.6250, 36.1739, 64.3499



167.2710, -54.3636, 76.9383



139.7760, -21.0886, -96.2736



148.8180, 52.3477, -130.5134

Rectangle

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



181.6250, 36.1739, 64.3499



156.3020, -7.5439, 86.5581



139.7760, -21.0886, -96.2736



148.0080, 34.0131, -129.8030

Sweetspot

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



181.6250, 36.1739, 64.3499



232.6940, 10.9969, 19.5624



144.2500, 54.5998, -12.4972



114.4990, 6.6560, 11.8404



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.



181.6250, 36.1739, 64.3499



166.9500, 43.4087, 77.2199



174.5570, 9.0924, 70.5485



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

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



181.6250, 36.1739, 64.3499



166.9500, 43.4087, 77.2199



210.5570, -8.6556, -70.6485



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 181.6250, 36.1739, 64.3499 looks on a white background.

Color Contrast Check

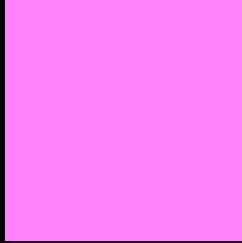
Large Text (above 18pt) WCAG AA × Fail

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 181.6250, 36.1739, 64.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

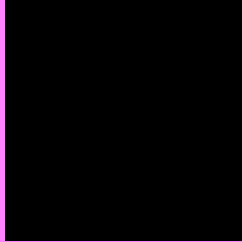
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.6250, 36.1739, 64.3499

Background



This preview shows how black text looks on a background with the YUV color 181.6250, 36.1739, 64.3499.



This preview shows how white text looks on a background with the YUV color 181.6250, 36.1739,

64.3499.

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

181.6250, 36.1739, 64.3499

Protanopia

177.5310, 38.1922, -23.2677

Deuteranopia

178.1140, 33.9608, -19.3940



Tritanopia

180.7620, -8.7567, 55.4597

Trichromacy



Original Color

181.6250, 36.1739, 64.3499



Protanomaly

178.9140, 37.5104, 8.8454



Deuteranomaly

179.2410, 34.8842, 11.1896

Tritanomaly

181.0240, 7.3832, 58.7380

Monochromacy



Original Color

181.6250, 36.1739, 64.3499



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

181.9980, 13.3120, 23.6808

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.6250, 36.1739, 64.3499 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(255, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 255)  
}
```

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(255, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 255) }
```

Border

The CSS property to change the border of an element to YUV 181.6250, 36.1739, 64.3499 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(255, 130, 255) }
```


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

```
.border{ border-color:rgb(255, 130, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 181.6250, 36.1739, 64.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 255) }
```

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

```
.background{ background-color: rgb(255,  
130, 255) }
```

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