

Converting Colors

YUV(165.0300, 38.4392,
37.6847)

Have a look what the booklet for
YUV(165.0300, 38.4392, 37.6847)
contains.

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Color

**YUV(165.0300, 38.4392,
37.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	D080F3
RGB	208, 128, 243
RGB Percent	82%, 50%, 95%
CMY	0.1843, 0.4980, 0.0471
CMYK	0.14, 0.47, 0.00, 0.05
HSL	282°, 83%, 73%
HSV	282°, 47%, 95%
XYZ	49.9093, 35.3193, 88.9808
YIQ	165.0300, 10.7650, 52.7250

Conversions

Conversions Part 2

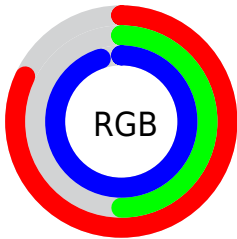
Format	Color
R _{YB}	208, 128, 243
Decimal	13664499
CIE _{Lab}	66.00, 49.95, -45.61
CIE _{LCh}	66, 67.642, 317.599
Yxy	35.3193, 0.2865, 0.2027
Android (android.graphics.Color)	4291854579 (0xFFD080F3)
YUV	165.0300, 38.4392, 37.6847
Hunter-Lab	59.4300, 45.9014, -47.1701

Details

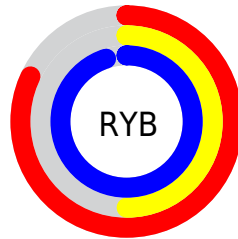
The YUV color **165.0300, 38.4392, 37.6847** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **205.9700, -38.4392, -37.6847**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7360, 20.8362, 37.0655**, and **110.9650, 36.9923, 35.1107** is the 20% darker color. If you saturate the color by 10%, you get **148.8490, 46.4164, 45.7364**, and if you desaturate by 10%, it is **181.2110, 30.4620, 29.6330**.

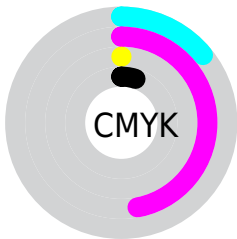
Distribution



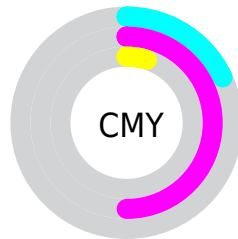
- Red (82%)
- Green (50%)
- Blue (95%)



- Red (82%)
- Yellow (50%)
- Blue (95%)



- Cyan (14%)
- Magenta (47%)
- Yellow (0%)
- Black (5%)





- Cyan (18%)
- Magenta (50%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.0300, 38.4392, 37.6847 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 165.0300, 38.4392, 37.6847 by changing the saturation by 10% instead.


 165.0300, 38.4392,
37.6847


 165.0300, 38.4392,
37.6847


255.0000, 0.0000,
0.0000


 137.7910, 37.5710,
36.1403


 212.7360, 20.8362,
37.0655


 110.9650, 36.9923,
35.1107


 229.1720, 12.7332,
22.6512

 83.9650, 36.9923,
35.1107

 246.1950, 4.3409,
7.7220

 56.3780, 37.2816,
35.6255

 33.1280, 36.4189,
32.3367

 22.5040, 29.3315,
18.8520

 11.9940, 22.6810,

5.2673

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 165.0300, 38.4392,
37.6847

■ 165.0300, 38.4392,
37.6847

■ 148.8490, 46.4164,
45.7364

■ 181.2110, 30.4620,
29.6330

■ 131.7820, 54.8305,
53.6882

■ 198.2780, 22.0479,
21.6812

■ 115.6010, 62.8077,
61.7399

■ 214.4590, 14.0707,
13.6295

■ 99.1210, 70.9323,
69.1769

■ 230.9390, 5.9461,
6.1925

■ 82.9400, 78.9096,
77.2286

■ 247.1200, -2.0312,
-1.8592

■ 78.2330, 81.2301,
79.6027

■ 252.7350, -4.7994,
-0.6446

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



152.6460, 50.4605, -38.2775



165.0300, 38.4392, 37.6847



159.3120, 14.1432, 83.9184

Triad

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



165.0300, 38.4392, 37.6847



153.2280, -62.7234, 51.5430



133.1730, 30.4807, -116.7927

Complementary

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



165.0300, 38.4392, 37.6847



205.9700, -38.4392, -37.6847

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.



124.8170, 3.5412, -109.4645



165.0300, 38.4392, 37.6847



148.2950, -61.2774, 7.6343

Square

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



165.0300, 38.4392, 37.6847



155.7570, -41.2922, 84.4051



139.3860, -32.7283, -49.4505



136.9810, 55.2254, -120.1323

Rectangle

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



165.0300, 38.4392, 37.6847



151.7030, -2.3186, 90.5915



139.3860, -32.7283, -49.4505



130.8930, 21.7448, -114.7932

Sweetspot

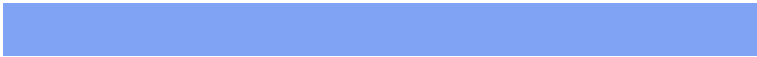
The Sweet Spot groups the original color and five complimentary colors.



165.0300, 38.4392, 37.6847



230.5790, 12.0396, 11.7702



162.2420, 39.8137, -30.0302



112.9930, 7.3985, 7.0221



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.



165.0300, 38.4392, 37.6847



156.7290, 48.4476, 47.5957



173.1010, 24.1072, 61.3014



114.0590, 3.9149, 4.3333



59.7750, 62.2289, 60.7103



18.9850, 19.7274, 19.3072

Inverse Universe

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



166.3750, -1.6639, 67.2001



158.3710, -2.1549, 84.7436



197.8990, -24.1072, -61.3014



114.0440, -0.0217, 6.9774



62.1120, -2.5202, 108.6498



19.6930, -0.8346, 34.4722

Previews

White Background



This preview shows how the YUV color 165.0300, 38.4392, 37.6847 looks on a white background.

Color Contrast Check

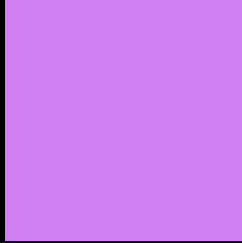
Large Text (above 18pt) WCAG AA × Fail

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 165.0300, 38.4392, 37.6847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

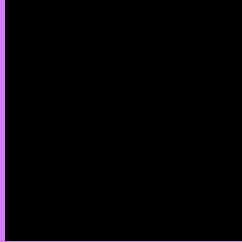
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.0300, 38.4392, 37.6847

Background



This preview shows how black text looks on a background with the YUV color 165.0300, 38.4392, 37.6847.



This preview shows how white text looks on a background with the YUV color 165.0300, 38.4392, 37.6847.

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

165.0300, 38.4392, 37.6847

Protanopia

158.5930, 47.5287, -31.2151

Deuteranopia

159.2100, 38.3505, -27.3712



Tritanopia

163.3070, -2.1234, 27.7948

Trichromacy



Original Color

165.0300, 38.4392, 37.6847



Protanomaly

160.9490, 44.3951, -6.0943



Deuteranomaly

161.0650, 38.4220, -3.5650



Tritanomaly

164.2270, 12.7061, 31.3729

Monochromacy



Original Color

165.0300, 38.4392, 37.6847



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.3450, 13.6339, 13.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0300, 38.4392, 37.6847 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(208, 128, 243)` looks like.

```
.text, #text, p{  
    color:rgb(208, 128, 243)  
}
```

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(208, 128, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 128, 243) }
```

Border

The CSS property to change the border of an element to YUV 165.0300, 38.4392, 37.6847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

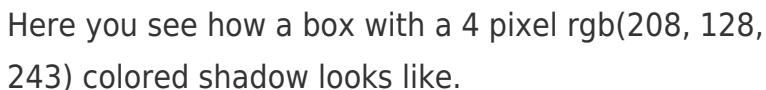
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 128, 243) }
```


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

```
.border{ border-color:rgb(208, 128, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 128, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 128, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 128, 243);  
box-shadow:4px 4px 4px 4px rgb(208, 128,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 165.0300, 38.4392, 37.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 128, 243) }
```

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

```
.background{ background-color: rgb(208,  
128, 243) }
```

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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