

Converting Colors

YUV(165.9250, 37.5050,
10.5898)

Have a look what the booklet for
YUV(165.9250, 37.5050, 10.5898)
contains.

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Color

**YUV(165.9250, 37.5050,
10.5898)**

Conversions

Conversions Part 1

Format	Color
Hex	B291F2
RGB	178, 145, 242
RGB Percent	70%, 57%, 95%
CMY	0.3020, 0.4314, 0.0510
CMYK	0.26, 0.40, 0.00, 0.05
HSL	260°, 79%, 76%
HSV	260°, 40%, 95%
XYZ	44.5125, 36.1266, 88.6315
YIQ	165.9250, -11.4690, 37.1630

Conversions

Conversions Part 2

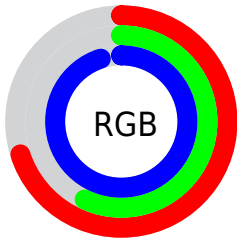
Format	Color
RYB	178, 145, 242
Decimal	11702770
CIELab	66.62, 32.18, -44.30
CIELCh	67, 54.753, 305.996
Yxy	36.1266, 0.2630, 0.2134
Android (android.graphics.Color)	4289892850 (0xFFB291F2)
YUV	165.9250, 37.5050, 10.5898
Hunter-Lab	60.1054, 27.0081, -45.3553

Details

The YUV color **165.9250, 37.5050, 10.5898** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **221.0750, -37.5050, -10.5898**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1480, 19.1540, 16.5332**, and **113.0450, 35.4738, 8.7305** is the 20% darker color. If you saturate the color by 10%, you get **147.0530, 46.8089, 13.1085**, and if you desaturate by 10%, it is **184.7970, 28.2011, 8.0710**.

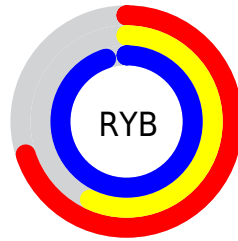
Distribution



Red (70%)

Green (57%)

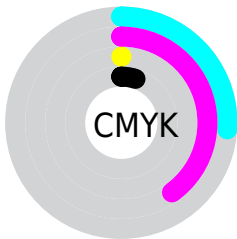
Blue (95%)



Red (70%)

Yellow (57%)

Blue (95%)

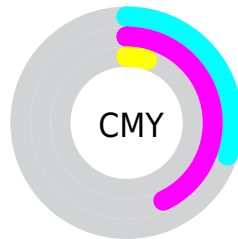


Cyan (26%)

Magenta (40%)

Yellow (0%)

Black (5%)



Cyan (30%)

Magenta (43%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.9250, 37.5050, 10.5898 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 165.9250, 37.5050, 10.5898 by changing the saturation by 10% instead.

165.9250, 37.5050,
10.5898

165.9250, 37.5050,
10.5898

255.0000, 0.0000,
0.0000

138.9850, 36.4894,
9.6602

216.1480, 19.1540,
16.5332

113.0450, 35.4738,
8.7305

238.5640, 8.1029,
14.4144

87.8060, 34.6056,
7.1861

63.5670, 33.7375,
5.6417

39.6160, 32.7273,
2.9678

14.2840, 32.8910,
-2.8801

6.6120, 25.3343,

-5.7987

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 165.9250, 37.5050,
10.5898

■ 165.9250, 37.5050,
10.5898

■ 147.0530, 46.8089,
13.1085

■ 184.7970, 28.2011,
8.0710

■ 128.1810, 56.1128,
15.6273

■ 203.6690, 18.8972,
5.5523

■ 108.7220, 65.7061,
18.6608

■ 223.1280, 9.3039,
2.5187

■ 89.8500, 75.0100,
21.1796

■ 242.0000, 0.0000,
0.0000

■ 70.9780, 84.3138,
23.6983

■ 253.5180, -5.6784,
1.2997

■ 52.1060, 93.6177,
26.2170

Harmonies

Analogous

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



151.0520, 51.2464, -57.0506



165.9250, 37.5050, 10.5898



165.8740, 18.3031, 56.2385

Triad

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



165.9250, 37.5050, 10.5898



159.2880, -43.5260, 54.1214



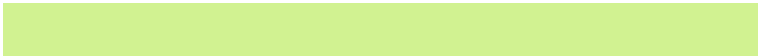
128.6760, 20.8657, -112.8489

Complementary

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



165.9250, 37.5050, 10.5898



221.0750, -37.5050, -10.5898

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.



136.3500, -8.0605, -74.8520



165.9250, 37.5050, 10.5898



156.1130, -48.3697, 20.9489

Square

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



165.9250, 37.5050, 10.5898



160.8990, -26.5722, 76.3876



150.7750, -35.8781, -19.0967



133.5610, 42.1214, -117.1330

Rectangle

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



165.9250, 37.5050, 10.5898



163.4990, 3.6980, 74.1074



150.7750, -35.8781, -19.0967



126.7380, 13.4402, -111.1492

Sweetspot

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



165.9250, 37.5050, 10.5898



230.8230, 11.9193, 3.6632



194.2130, 23.5590, -43.1598



113.8460, 6.9779, 1.8891



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.



165.9250, 37.5050, 10.5898



159.1670, 47.2457, 13.0085



180.2770, 30.4294, 40.0991



110.5640, 4.6519, 1.2594



39.5140, 71.2316, 19.7202



12.0650, 21.6600, 6.0820

Inverse Universe

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



181.2990, 13.6566, 53.2348



178.5980, 16.9602, 67.0046



206.7230, -30.4294, -40.0991



112.5000, 1.7255, 6.5775



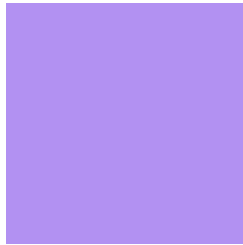
68.8100, 25.7297, 101.0216



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 165.9250, 37.5050, 10.5898 looks on a white background.

Color Contrast Check

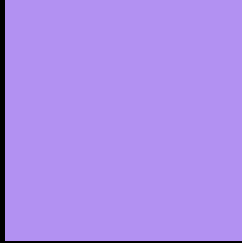
Large Text (above 18pt) WCAG AA × Fail

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 165.9250, 37.5050, 10.5898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

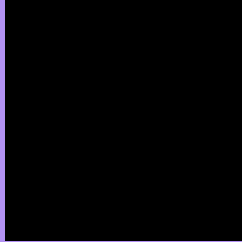
Any Text WCAG AA ✓ Pass

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 165.9250, 37.5050, 10.5898 Background



This preview shows how black text looks on a background with the YUV color 165.9250, 37.5050, 10.5898.



This preview shows how white text looks on a background with the YUV color 165.9250, 37.5050,

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

165.9250, 37.5050, 10.5898

Protanopia

160.2620, 46.2128, -29.1708

Deuteranopia

160.3240, 38.7873, -27.4711



Tritanopia

162.8630, 4.5045, 1.8741

Trichromacy



Original Color

165.9250, 37.5050, 10.5898

Protanomaly

162.5520, 43.1119, -14.5161

Deuteranomaly

162.2980, 38.3071, -13.4163

Tritanomaly

164.2730, 16.1344, 5.0226

Monochromacy



Original Color

165.9250, 37.5050, 10.5898

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.6920, 13.9558, 3.7781

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.9250, 37.5050, 10.5898 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(178, 145, 242)` looks like.

```
.text, #text, p{  
    color:rgb(178, 145, 242)  
}
```

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(178, 145, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 145, 242) }
```

Border

The CSS property to change the border of an element to YUV 165.9250, 37.5050, 10.5898 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(178, 145, 242) }
```


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

```
.border{ border-color:rgb(178, 145, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 145, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 145, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 145, 242);  
box-shadow:4px 4px 4px 4px rgb(178, 145,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 165.9250, 37.5050, 10.5898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 145, 242) }
```

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

```
.background{ background-color: rgb(178,  
145, 242) }
```

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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