

Converting Colors

YUV(162.7030, 37.6144,
22.1855)

Have a look what the booklet for
YUV(162.7030, 37.6144, 22.1855)
contains.

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Color

**YUV(162.7030, 37.6144,
22.1855)**

Conversions

Conversions Part 1

Format	Color
Hex	BC87EF
RGB	188, 135, 239
RGB Percent	74%, 53%, 94%
CMY	0.2627, 0.4706, 0.0627
CMYK	0.21, 0.44, 0.00, 0.06
HSL	271°, 76%, 73%
HSV	271°, 44%, 94%
XYZ	44.9830, 34.2513, 85.9017
YIQ	162.7030, -1.7960, 43.5800

Conversions

Conversions Part 2

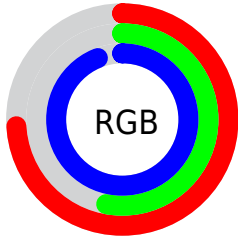
Format	Color
R_{YB}	188, 135, 239
Decimal	12355567
CIE _{Lab}	65.16, 39.81, -44.87
CIE _{LCh}	65, 59.988, 311.584
Yxy	34.2513, 0.2724, 0.2074
Android (android.graphics.Color)	4290545647 (0xFFBC87EF)
YUV	162.7030, 37.6144, 22.1855
Hunter-Lab	58.5246, 34.7800, -46.0578

Details

The YUV color **162.7030, 37.6144, 22.1855** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **211.2970, -37.6144, -22.1855**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5670, 20.4265, 28.4437**, and **109.8230, 35.5833, 20.3262** is the 20% darker color. If you saturate the color by 10%, you get **145.0270, 46.3287, 27.1633**, and if you desaturate by 10%, it is **180.3790, 28.9002, 17.2076**.

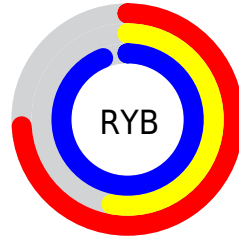
Distribution



Red (74%)

Green (53%)

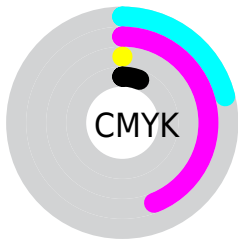
Blue (94%)



Red (74%)

Yellow (53%)

Blue (94%)

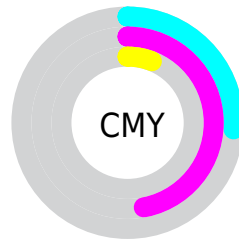


Cyan (21%)

Magenta (44%)

Yellow (0%)

Black (6%)



Cyan (26%)

Magenta (47%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.7030, 37.6144, 22.1855 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 162.7030, 37.6144, 22.1855 by changing the saturation by 10% instead.

■ 162.7030, 37.6144,
22.1855

■ 162.7030, 37.6144,
22.1855

255.0000, 0.0000,
0.0000

■ 135.7630, 36.5988,
21.2558

■ 213.5670, 20.4265,
28.4437

■ 109.8230, 35.5833,
20.3262

■ 232.6940, 10.9969,
19.5624

■ 83.9970, 35.0045,
19.2966

■ 249.7170, 2.6045,
4.6332

■ 58.8720, 34.5731,
17.6523

■ 32.8720, 34.5731,
17.6523

■ 16.7800, 30.6745,
8.0859

■ 6.2700, 24.0239,

-5.4988

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 162.7030, 37.6144,
22.1855

■ 162.7030, 37.6144,
22.1855

■ 145.0270, 46.3287,
27.1633

■ 180.3790, 28.9002,
17.2076

■ 127.6500, 54.8955,
32.7559

■ 197.7560, 20.3333,
11.6150

■ 109.9740, 63.6098,
37.7338

■ 215.4320, 11.6190,
6.6371

■ 92.2980, 72.3241,
42.7117

■ 233.1080, 2.9048,
1.6593

■ 75.2090, 80.7490,
47.1747

■ 250.1970, -5.5201,
-2.8038

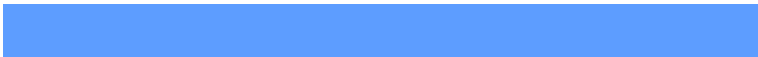
■ 63.7240, 86.4111,
51.1081

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

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



149.0360, 52.2403, -49.1436



162.7030, 37.6144, 22.1855



160.3810, 16.0812, 68.9489

Triad

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



162.7030, 37.6144, 22.1855



153.7410, -50.6513, 52.8471



128.3000, 24.5021, -112.5191

Complementary

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



162.7030, 37.6144, 22.1855



211.2970, -37.6144, -22.1855

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.



120.7420, 0.6202, -105.8907



162.7030, 37.6144, 22.1855



149.8150, -53.1528, 15.0712

Square

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



162.7030, 37.6144, 22.1855



155.3140, -32.6928, 79.5316



143.3390, -34.6771, -30.9923



132.8260, 46.9208, -116.4884

Rectangle

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



162.7030, 37.6144, 22.1855



157.3540, 0.3185, 84.7585



143.3390, -34.6771, -30.9923



126.1340, 16.2029, -110.6195

Sweetspot

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



162.7030, 37.6144, 22.1855



230.8450, 11.9084, 7.1519



177.3800, 30.3787, -37.1673



112.3840, 7.6987, 4.0482



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.



162.7030, 37.6144, 22.1855



157.4940, 48.0705, 28.5078



177.9520, 30.0967, 53.5391



111.1620, 4.3571, 2.4889



49.0820, 66.5146, 39.3931



15.0550, 20.1859, 12.2298

Inverse Universe

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



171.9100, 6.9464, 58.8379



169.1770, 8.7867, 75.2668



196.0480, -30.0967, -53.5391



112.2720, 0.8519, 6.7775



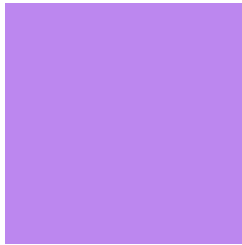
65.2760, 12.1889, 104.1209



19.9360, 3.9756, 31.6281

Previews

White Background



This preview shows how the YUV color 162.7030, 37.6144, 22.1855 looks on a white background.

Color Contrast Check

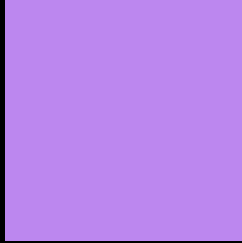
Large Text (above 18pt) WCAG AA × Fail

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 162.7030, 37.6144, 22.1855 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 162.7030, 37.6144, 22.1855

Background



This preview shows how black text looks on a background with the YUV color 162.7030, 37.6144, 22.1855.



This preview shows how white text looks on a background with the YUV color 162.7030, 37.6144,

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

162.7030, 37.6144, 22.1855

Protanopia

155.6360, 48.9865, -32.1298

Deuteranopia

156.2100, 38.3505, -27.3712



Tritanopia

160.2450, 1.8512, 12.9401

Trichromacy



Original Color

162.7030, 37.6144, 22.1855



Protanomaly

158.3180, 44.7062, -12.5569



Deuteranomaly

158.6190, 38.1488, -9.3129



Tritanomaly

161.2960, 14.6441, 16.4034

Monochromacy



Original Color

162.7030, 37.6144, 22.1855



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.0130, 13.7976, 7.8816

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.7030, 37.6144, 22.1855 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(188, 135, 239)` looks like.

```
.text, #text, p{  
    color:rgb(188, 135, 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(188, 135, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 135, 239) }
```

Border

The CSS property to change the border of an element to YUV 162.7030, 37.6144, 22.1855 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(188, 135, 239) }
```


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

```
.border{ border-color:rgb(188, 135, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 135, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 135, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 135, 239);  
box-shadow:4px 4px 4px 4px rgb(188, 135,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 162.7030, 37.6144, 22.1855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 135, 239) }
```

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

```
.background{ background-color: rgb(188,  
135, 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](#).

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