

Converting Colors

YUV(136.8030, 36.0861,
45.7768)

Have a look what the booklet for
YUV(136.8030, 36.0861, 45.7768)
contains.

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Color

**YUV(136.8030, 36.0861,
45.7768)**

Conversions

Conversions Part 1

Format	Color
Hex	BD60D2
RGB	189, 96, 210
RGB Percent	74%, 38%, 82%
CMY	0.2588, 0.6235, 0.1765
CMYK	0.10, 0.54, 0.00, 0.18
HSL	289°, 56%, 60%
HSV	289°, 54%, 82%
XYZ	36.8020, 23.8377, 63.6342
YIQ	136.8030, 18.8340, 55.1700

Conversions

Conversions Part 2

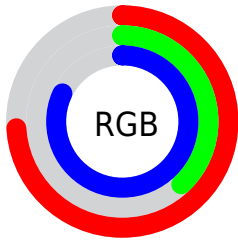
Format	Color
R_{YB}	189, 96, 210
Decimal	12411090
CIE _{Lab}	55.92, 54.41, -43.21
CIE _{LCh}	56, 69.477, 321.547
Yxy	23.8377, 0.2961, 0.1918
Android (android.graphics.Color)	4290601170 (0xFFBD60D2)
YUV	136.8030, 36.0861, 45.7768
Hunter-Lab	48.8239, 49.1063, -43.0985

Details

The YUV color **136.8030, 36.0861, 45.7768** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **169.1970, -36.0861, -45.7768**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.9730, 31.5653, 49.1357**, and **82.0910, 35.9441, 44.6472** is the 20% darker color. If you saturate the color by 10%, you get **123.2800, 42.7530, 54.1284**, and if you desaturate by 10%, it is **150.3260, 29.4193, 37.4251**.

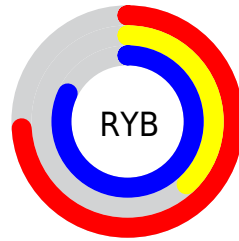
Distribution



Red (74%)

Green (38%)

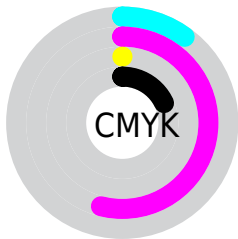
Blue (82%)



Red (74%)

Yellow (38%)

Blue (82%)

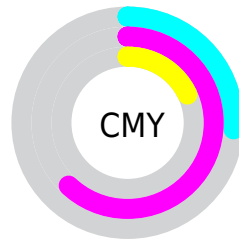


Cyan (10%)

Magenta (54%)

Yellow (0%)

Black (18%)



Cyan (26%)


Magenta (62%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.8030, 36.0861, 45.7768 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 136.8030, 36.0861, 45.7768 by changing the saturation by 10% instead.


 136.8030, 36.0861,
45.7768


 136.8030, 36.0861,
45.7768


255.0000, 0.0000,
0.0000


 109.3900, 35.7967,
45.2620


 190.9730, 31.5653,
49.1357


 82.0910, 35.9441,
44.6472


 209.8010, 22.2831,
39.6395


 49.2210, 38.8380,
49.7952

 226.2370, 14.1802,
25.2252

 35.3630, 33.3450,
38.2696

 243.2600, 5.7878,
10.2960

 24.7390, 26.2577,
24.7849

 14.6420, 19.8965,
11.7150

 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 136.8030, 36.0861,
45.7768

■ 136.8030, 36.0861,
45.7768

■ 123.2800, 42.7530,
54.1284

■ 150.3260, 29.4193,
37.4251

■ 109.7570, 49.4198,
62.4801

■ 163.8490, 22.7524,
29.0734

■ 96.2340, 56.0866,
70.8318

■ 177.3720, 16.0856,
20.7218

■ 83.0100, 62.6061,
79.7982

■ 190.5960, 9.5662,
11.7553

75.0690, 66.5210,
84.1315

204.1190, 2.8993,
3.4036

217.6420, -3.7675,
-4.9480

231.1650,
-10.4343, -13.2997

239.4050,
-14.4967, -17.0182

240.6010,
-15.0863, -14.5591

Harmonies

Analogous

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



129.3400, 58.0064, -31.8702



136.8030, 36.0861, 45.7768



128.0140, 12.8111, 91.1957

Triad

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



136.8030, 36.0861, 45.7768



125.7000, -61.9701, 43.2361



114.6850, 30.7213, -100.5787

Complementary

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



136.8030, 36.0861, 45.7768



169.1970, -36.0861, -45.7768

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.



106.9160, 3.4924, -93.7653



136.8030, 36.0861, 45.7768



120.4080, -59.3611, -0.3578

Square

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



136.8030, 36.0861, 45.7768



127.2140, -44.4755, 78.7423



104.0890, -25.6799, -70.2381



118.1510, 54.1556, -103.6184

Rectangle

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



136.8030, 36.0861, 45.7768



123.9710, -5.4087, 101.7574



104.0890, -25.6799, -70.2381



112.2910, 21.5485, -98.4792

Sweetspot

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



136.8030, 36.0861, 45.7768



228.5410, 13.0443, 16.1885



122.4970, 43.1390, -23.2379



111.8300, 7.9718, 9.7961



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.



136.8030, 36.0861, 45.7768



148.2890, 52.6085, 66.3985



139.2060, 18.1394, 62.0863



97.9450, 3.4781, 4.4332



60.1150, 53.1873, 67.4281



14.5410, 13.0443, 16.1885

Inverse Universe

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



132.4800, -7.6316, 67.9850



142.1680, -10.9288, 98.9537



166.7940, -18.1394, -62.0863



97.5170, -0.7479, 6.5626



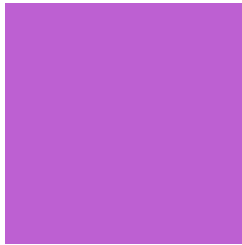
53.7660, -11.2236, 100.1832



13.1710, -2.5493, 24.4060

Previews

White Background



This preview shows how the YUV color 136.8030, 36.0861, 45.7768 looks on a white background.

Color Contrast Check

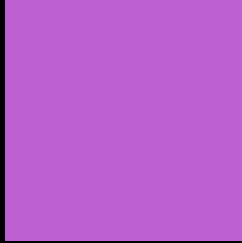
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8030, 36.0861, 45.7768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

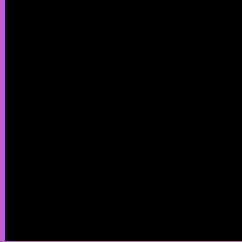
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.8030, 36.0861, 45.7768

Background



This preview shows how black text looks on a background with the YUV color 136.8030, 36.0861, 45.7768.



This preview shows how white text looks on a background with the YUV color 136.8030, 36.0861, 45.7768.

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

136.8030, 36.0861, 45.7768

Protanopia

128.7040, 55.8549, -41.8364

Deuteranopia

132.2980, 34.8561, -26.5713



Tritanopia

136.5530, -5.2026, 35.4720

Trichromacy



Original Color

136.8030, 36.0861, 45.7768



Protanomaly

131.3660, 48.6266, -9.9680



Deuteranomaly

133.9900, 35.5009, 0.0088



Tritanomaly

136.5870, 10.0636, 38.9502

Monochromacy



Original Color

136.8030, 36.0861, 45.7768



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.9540, 13.3337, 16.7033

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8030, 36.0861, 45.7768 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(189, 96, 210)` looks like.

```
.text, #text, p{  
    color:rgb(189, 96, 210)  
}
```

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(189, 96, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 96, 210) }
```

Border

The CSS property to change the border of an element to YUV 136.8030, 36.0861, 45.7768 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(189, 96, 210) }
```


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

```
.border{ border-color:rgb(189, 96, 210) }
```

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

Here you see how a box with a 4 pixel rgb(189, 96, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 96, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 96, 210);  
box-shadow:4px 4px 4px 4px rgb(189, 96,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 136.8030, 36.0861, 45.7768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 96, 210) }
```

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

```
.background{ background-color: rgb(189, 96,  
210) }
```

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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