

Converting Colors

YUV(111.4620, 36.7472,
67.1238)

Have a look what the booklet for
YUV(111.4620, 36.7472, 67.1238)
contains.

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Color

**YUV(111.4620, 36.7472,
67.1238)**

Conversions

Conversions Part 1

Format	Color
Hex	BC3ABA
RGB	188, 58, 186
RGB Percent	74%, 23%, 73%
CMY	0.2627, 0.7725, 0.2706
CMYK	0.00, 0.69, 0.01, 0.26
HSL	301°, 53%, 48%
HSV	301°, 69%, 74%
XYZ	31.1150, 17.2626, 48.1465
YIQ	111.4620, 36.3920, 67.3680

Conversions

Conversions Part 2

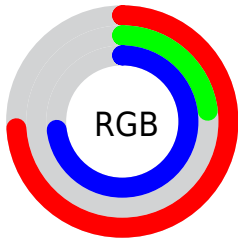
Format	Color
R_{YB}	188, 58, 186
Decimal	12335802
CIE _{Lab}	48.59, 66.20, -41.01
CIE _{LCh}	49, 77.870, 328.222
Yxy	17.2626, 0.3224, 0.1788
Android (android.graphics.Color)	4290525882 (0xFFBC3ABA)
YUV	111.4620, 36.7472, 67.1238
Hunter-Lab	41.5483, 60.9668, -39.6217

Details

The YUV color **111.4620, 36.7472, 67.1238** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **134.5380, -36.7472, -67.1238**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6470, 36.1630, 67.8386**, and **54.2170, 38.3470, 67.3387** is the 20% darker color. If you saturate the color by 10%, you get **100.3090, 42.2457, 76.9050**, and if you desaturate by 10%, it is **122.6150, 31.2488, 57.3426**.

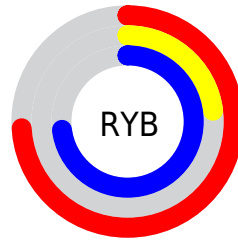
Distribution



Red (74%)

Green (23%)

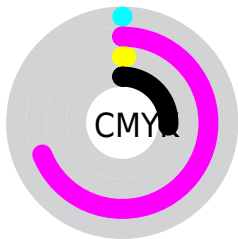
Blue (73%)



Red (74%)

Yellow (23%)

Blue (73%)

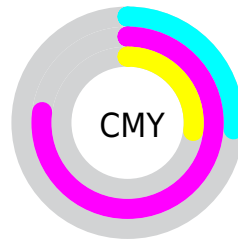


Cyan (0%)

Magenta (69%)

Yellow (1%)

Black (26%)



Cyan (26%)


Magenta (77%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.4620, 36.7472, 67.1238 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 111.4620, 36.7472, 67.1238 by changing the saturation by 10% instead.


 111.4620, 36.7472,
67.1238


 111.4620, 36.7472,
67.1238


255.0000, 0.0000,
0.0000


 77.9940, 39.9360,
71.0423


 169.6470, 36.1630,
67.8386


 54.2170, 38.3470,
67.3387


 189.8430, 32.1224,
57.1427


 42.8810, 31.1177,
52.7244


 206.8660, 23.7301,
42.2135

 32.0720, 24.6145,
38.5249

 223.8890, 15.3377,
27.2843

 21.8610, 17.8165,
25.5549

 240.9120, 6.9454,
12.3552

 9.0730, 12.7820,
6.9520

 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 111.4620, 36.7472,
67.1238

■ 111.4620, 36.7472,
67.1238

■ 100.3090, 42.2457,
76.9050

■ 122.6150, 31.2488,
57.3426

■ 89.0420, 47.3073,
86.7862

■ 133.8820, 26.1872,
47.4615

■ 78.4760, 52.5163,
96.0525

■ 144.4480, 20.9781,
38.1951

■ 77.3020, 53.0951,
97.0821

■ 155.6010, 15.4797,
28.4139

■ 166.7540, 9.9813,
18.6327

■ 178.0210, 4.9196,
8.7516

■ 189.1740, -0.5788,
-1.0296

■ 199.7400, -5.7878,
-10.2960

■ 211.0070,
-10.8495, -20.1771

Harmonies

Analogous

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



112.7810, 59.2680, -16.4709



111.4620, 36.7472, 67.1238



80.8840, 20.2702, 125.5127

Triad

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



111.4620, 36.7472, 67.1238



108.8000, -53.6384, 30.8704



104.0050, 35.4935, -91.2124

Complementary

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



111.4620, 36.7472, 67.1238



134.5380, -36.7472, -67.1238

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.



95.7800, 6.5175, -83.9991



111.4620, 36.7472, 67.1238



99.0450, -48.8292, -18.4565

Square

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



111.4620, 36.7472, 67.1238



105.8410, -52.1796, 76.4384



85.2240, -23.7744, -74.7414



107.5850, 59.3646, -94.3520

Rectangle

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



111.4620, 36.7472, 67.1238



86.2710, -3.5846, 123.4193



85.2240, -23.7744, -74.7414



101.6110, 26.3208, -89.1128

Sweetspot

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



111.4620, 36.7472, 67.1238



214.3620, 14.6115, 26.8695



72.8200, 56.7837, -12.9971



104.3900, 8.6817, 15.4440



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.4620, 36.7472, 67.1238



125.4970, 57.4360, 104.8041



104.2800, 9.2290, 73.4224



88.7170, 2.6045, 4.6332



65.0260, 44.8502, 81.5382



12.6890, 8.5343, 16.0587

Inverse Universe

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



111.4620, 36.7472, 67.1238



125.4970, 57.4360, 104.8041



141.7200, -9.2290, -73.4224



88.7170, 2.6045, 4.6332



65.0260, 44.8502, 81.5382



12.6890, 8.5343, 16.0587

Previews

White Background



This preview shows how the YUV color 111.4620, 36.7472, 67.1238 looks on a white background.

Color Contrast Check

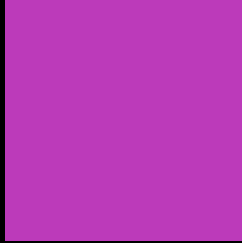
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.4620, 36.7472, 67.1238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

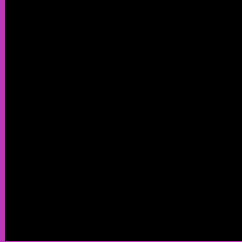
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.4620, 36.7472, 67.1238

Background



This preview shows how black text looks on a background with the YUV color 111.4620, 36.7472, 67.1238.



This preview shows how white text looks on a background with the YUV color 111.4620, 36.7472, 67.1238.

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

111.4620, 36.7472, 67.1238

Protanopia

98.6280, 67.7244, -68.9568

Deuteranopia

113.9840, 31.0669, -24.5420



Tritanopia

115.5940, -10.6458, 54.7301

Trichromacy



Original Color

111.4620, 36.7472, 67.1238



Protanomaly

103.0750, 56.6580, -19.3598



Deuteranomaly

113.0620, 33.0004, 8.7156



Tritanomaly

114.0950, 6.3622, 59.5527

Monochromacy



Original Color

111.4620, 36.7472, 67.1238



Achromatopsia

111.0000, 0.0000, 0.0000



Achromatomaly

111.2970, 13.1646, 24.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.4620, 36.7472, 67.1238 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, 58, 186)` looks like.

```
.text, #text, p{  
    color:rgb(188, 58, 186)  
}
```

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, 58, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 58, 186) }
```

Border

The CSS property to change the border of an element to YUV 111.4620, 36.7472, 67.1238 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, 58, 186) }
```


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

```
.border{ border-color:rgb(188, 58, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 58, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 58, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 58, 186); box-shadow:4px 4px 4px 4px rgb(188, 58, 186) }
```

Background

The CSS property to change the background color of an element to YUV 111.4620, 36.7472, 67.1238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 58, 186) }
```

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

```
.background{ background-color: rgb(188, 58,  
186) }
```

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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