

Converting Colors

YUV(111.3270, 34.8418,
71.6272)

Have a look what the booklet for
YUV(111.3270, 34.8418, 71.6272)
contains.

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Color

**YUV(111.3270, 34.8418,
71.6272)**

Conversions

Conversions Part 1

Format	Color
Hex	C138B6
RGB	193, 56, 182
RGB Percent	76%, 22%, 71%
CMY	0.2431, 0.7804, 0.2863
CMYK	0.00, 0.71, 0.06, 0.24
HSL	305°, 55%, 49%
HSV	305°, 71%, 76%
XYZ	31.8500, 17.5432, 45.9635
YIQ	111.3270, 41.2060, 68.2300

Conversions

Conversions Part 2

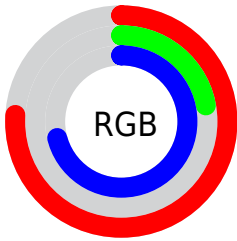
Format	Color
R_{YB}	193, 56, 182
Decimal	12662966
CIE _{Lab}	48.94, 67.39, -38.07
CIE _{LCh}	49, 77.399, 330.537
Yxy	17.5432, 0.3340, 0.1840
Android (android.graphics.Color)	4290853046 (0xFFC138B6)
YUV	111.3270, 34.8418, 71.6272
Hunter-Lab	41.8846, 62.4373, -35.7446

Details

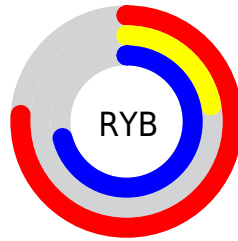
The YUV color **111.3270, 34.8418, 71.6272** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **137.6730, -34.8418, -71.6272**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.9850, 33.5314, 71.9272**, and **55.2560, 35.8628, 70.8125** is the 20% darker color. If you saturate the color by 10%, you get **99.9460, 39.4666, 81.6084**, and if you desaturate by 10%, it is **122.7080, 30.2170, 61.6461**.

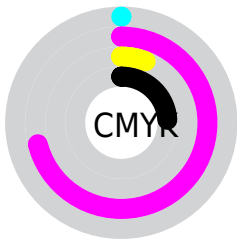
Distribution



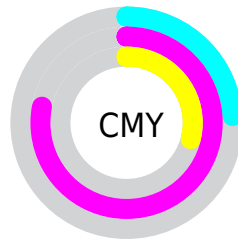
- Red (76%)
- Green (22%)
- Blue (71%)



- Red (76%)
- Yellow (22%)
- Blue (71%)



- Cyan (0%)
- Magenta (71%)
- Yellow (6%)
- Black (24%)





- Cyan (24%)
- Magenta (78%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.3270, 34.8418, 71.6272 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 111.3270, 34.8418, 71.6272 by changing the saturation by 10% instead.


 111.3270, 34.8418,
71.6272


 111.3270, 34.8418,
71.6272


255.0000, 0.0000,
0.0000


 76.0980, 38.8987,
77.0901


 169.9850, 33.5314,
71.9272


 55.2560, 35.8628,
70.8125


 189.8430, 32.1224,
57.1427


 44.0340, 29.0702,
56.0982


 206.2790, 24.0195,
42.7283

 32.8120, 22.2777,
41.3839

 223.3020, 15.6271,
27.7991

 22.7150, 15.9165,
28.3139

 240.9120, 6.9454,
12.3552

 10.5250, 10.5872,
10.9406

 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 111.3270, 34.8418,
71.6272

■ 111.3270, 34.8418,
71.6272

■ 99.9460, 39.4666,
81.6084

■ 122.7080, 30.2170,
61.6461

■ 88.0920, 44.8176,
92.0043

■ 134.5620, 24.8659,
51.2501

■ 77.9990, 49.3005,
100.8559

■ 145.9430, 20.2411,
41.2690

■ 157.2100, 15.1795,
31.3878

■ 169.1780, 10.2652,
20.8919

■ 180.4450, 5.2036,
11.0107

■ 191.8260, 0.5788,
1.0296

■ 203.0930, -4.4828,
-8.8516

■ 215.0610, -9.3971,
-19.3475

Harmonies

Analogous

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



115.5540, 56.9149, -8.3789



111.3270, 34.8418, 71.6272



82.7870, 17.3600, 125.5978

Triad

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



111.3270, 34.8418, 71.6272



108.7780, -53.6276, 27.3817



105.2760, 37.8249, -92.3271

Complementary

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



111.3270, 34.8418, 71.6272



137.6730, -34.8418, -71.6272

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.



97.1650, 9.2857, -85.2137



111.3270, 34.8418, 71.6272



98.7240, -48.6709, -22.5599

Square

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



111.3270, 34.8418, 71.6272



107.2920, -52.8950, 72.5349



87.3100, -20.8588, -76.5709



107.9270, 60.6750, -94.6520

Rectangle

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



111.3270, 34.8418, 71.6272



91.6850, -8.2257, 118.6713



87.3100, -20.8588, -76.5709



102.8820, 28.6522, -90.2275

Sweetspot

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



111.3270, 34.8418, 71.6272



218.4330, 13.5905, 27.6843



74.3090, 58.5147, -8.1640



106.4610, 7.6607, 16.2587



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



111.3270, 34.8418, 71.6272



123.0310, 54.2147, 111.3518



103.6890, 5.5763, 78.3257



91.0160, 2.4571, 5.2480



65.0110, 40.9136, 84.1824



13.2870, 8.2395, 17.2883

Inverse Universe

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



111.3270, 34.8418, 71.6272



123.0310, 54.2147, 111.3518



145.3110, -5.5763, -78.3257



91.0160, 2.4571, 5.2480



65.0110, 40.9136, 84.1824



13.2870, 8.2395, 17.2883

Previews

White Background



This preview shows how the YUV color 111.3270, 34.8418, 71.6272 looks on a white background.

Color Contrast Check

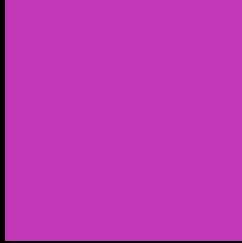
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.3270, 34.8418, 71.6272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

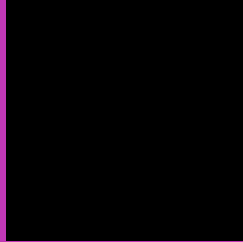
Any Text WCAG AA ✓ Pass

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 111.3270, 34.8418, 71.6272 Background



This preview shows how black text looks on a background with the YUV color 111.3270, 34.8418, 71.6272.



This preview shows how white text looks on a background with the YUV color 111.3270, 34.8418, 71.6272.

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

111.3270, 34.8418, 71.6272

Protanopia

103.7710, 64.2029, -59.4352

Deuteranopia

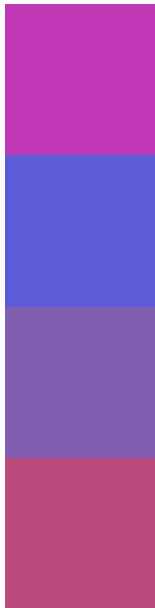
115.3220, 28.4353, -20.4534



Tritanopia

115.6870, -11.6777, 59.0335

Trichromacy



Original Color

111.3270, 34.8418, 71.6272

Protanomaly

106.3210, 53.5787, -11.6825

Deuteranomaly

113.8130, 30.6582, 13.3190

Tritanomaly

114.1880, 5.3303, 63.8561

Monochromacy



Original Color

111.3270, 34.8418, 71.6272

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1940, 12.7224, 26.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3270, 34.8418, 71.6272 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(193, 56, 182)` looks like.

```
.text, #text, p{  
    color:rgb(193, 56, 182)  
}
```

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(193, 56, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 56, 182) }
```

Border

The CSS property to change the border of an element to YUV 111.3270, 34.8418, 71.6272 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(193, 56, 182) }
```


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

```
.border{ border-color:rgb(193, 56, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 56, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 56, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 56, 182);  
box-shadow:4px 4px 4px 4px rgb(193, 56,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 111.3270, 34.8418, 71.6272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 56, 182) }
```

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

```
.background{ background-color: rgb(193, 56,  
182) }
```

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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