

Converting Colors

YUV(137.2380, 16.1517,
46.2723)

Have a look what the booklet for
YUV(137.2380, 16.1517, 46.2723)
contains.

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Color

**YUV(137.2380, 16.1517,
46.2723)**

Conversions

Conversions Part 1

Format	Color
Hex	BE68AA
RGB	190, 104, 170
RGB Percent	75%, 41%, 67%
CMY	0.2549, 0.5922, 0.3333
CMYK	0.00, 0.45, 0.11, 0.25
HSL	314°, 40%, 58%
HSV	314°, 45%, 75%
XYZ	33.4412, 23.7501, 40.8519
YIQ	137.2380, 30.0700, 38.7580

Conversions

Conversions Part 2

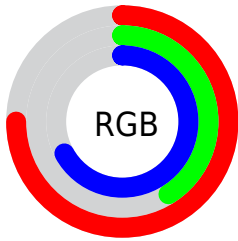
Format	Color
R _Y B	190, 104, 170
Decimal	12478634
CIE Lab	55.84, 43.34, -20.39
CIE LCh	56, 47.898, 334.801
Yxy	23.7501, 0.3411, 0.2422
Android (android.graphics.Color)	4290668714 (0xFFBE68AA)
YUV	137.2380, 16.1517, 46.2723
Hunter-Lab	48.7340, 37.2019, -15.5867

Details

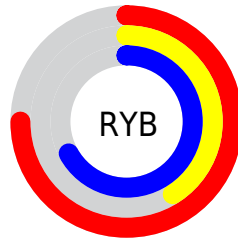
The YUV color **137.2380, 16.1517, 46.2723** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **156.7620, -16.1517, -46.2723**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.9610, 16.2882, 49.1462**, and **84.9280, 16.3045, 43.9131** is the 20% darker color. If you saturate the color by 10%, you get **125.6290, 19.9029, 56.4534**, and if you desaturate by 10%, it is **148.8470, 12.4004, 36.0912**.

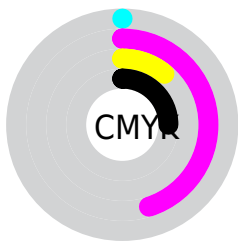
Distribution



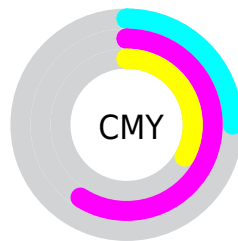
- Red (75%)
- Green (41%)
- Blue (67%)



- Red (75%)
- Yellow (41%)
- Blue (67%)



- Cyan (0%)
- Magenta (45%)
- Yellow (11%)
- Black (25%)




- Cyan (25%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.2380, 16.1517, 46.2723 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 137.2380, 16.1517, 46.2723 by changing the saturation by 10% instead.


 137.2380, 16.1517,
46.2723


 137.2380, 16.1517,
46.2723


255.0000, 0.0000,
0.0000


 110.5260, 16.0097,
45.1427


 191.9610, 16.2882,
49.1462

 84.9280, 16.3045,
43.9131

 213.7960, 19.8206,
36.1359


 58.1560, 17.1781,
43.7132

 230.3460, 12.1544,
21.6216

 32.3840, 18.0517,
43.5132

 247.3690, 3.7621,
6.6924

 22.4010, 12.1273,
30.3433

 12.8310, 6.4923,
17.6882

 0.0000, 0.0000,

0.0000

■ 137.2380, 16.1517,
46.2723

■ 137.2380, 16.1517,
46.2723

■ 125.6290, 19.9029,
56.4534

■ 148.8470, 12.4004,
36.0912

■ 113.9060, 23.2173,
66.7344

■ 160.5700, 9.0860,
25.8101

■ 102.2970, 26.9686,
76.9155

■ 172.1790, 5.3348,
15.6290

■ 90.5740, 30.2830,
87.1966

■ 183.9020, 2.0203,
5.3479

■ 78.9650, 34.0343,
97.3777

■ 195.5110, -1.7309,
-4.8331

■ 73.4540, 35.7652,
102.2108

■ 207.2340, -5.0454,
-15.1142

■ 218.8430, -8.7966,
-25.2953

■ 229.8650,
-12.2584, -34.9616

■ 230.4350,
-10.0745, -35.4615

Harmonies

Analogous

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



136.8230, 32.1323, 7.1712



137.2380, 16.1517, 46.2723



134.4350, -2.6795, 66.2705

Triad

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



137.2380, 16.1517, 46.2723



129.0510, -40.9441, 19.2493



110.3310, 34.3468, -96.7603

Complementary

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



137.2380, 16.1517, 46.2723



156.7620, -16.1517, -46.2723

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.



106.2440, 16.1487, -93.1760



137.2380, 16.1517, 46.2723



124.1760, -30.6528, -15.0634

Square

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



137.2380, 16.1517, 46.2723



131.7800, -36.3735, 46.6739



113.4380, -8.1039, -60.8971



110.1150, 48.7503, -96.5709

Rectangle

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



137.2380, 16.1517, 46.2723



133.0040, -15.7780, 67.5255



113.4380, -8.1039, -60.8971



109.4360, 28.3791, -95.9754

Sweetspot

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



137.2380, 16.1517, 46.2723



226.1300, 6.3449, 18.3030



119.4850, 34.7639, 3.0827



112.1030, 3.8932, 11.3107



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.



137.2380, 16.1517, 46.2723



165.3950, 24.9483, 71.5676



132.4500, -2.1938, 50.4714



88.4890, 1.7309, 4.8331



61.0360, 29.5623, 85.0374



11.8910, 5.4767, 16.7586

Inverse Universe

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



137.2380, 16.1517, 46.2723



165.3950, 24.9483, 71.5676



161.5500, 2.1939, -50.4713



88.4890, 1.7309, 4.8331



61.0360, 29.5623, 85.0374



11.8910, 5.4767, 16.7586

Previews

White Background



This preview shows how the YUV color 137.2380, 16.1517, 46.2723 looks on a white background.

Color Contrast Check

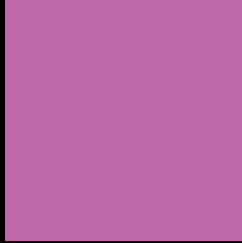
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.2380, 16.1517, 46.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

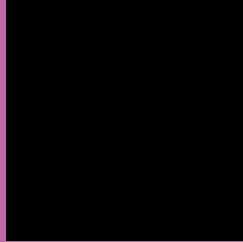
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.2380, 16.1517, 46.2723

Background



This preview shows how black text looks on a background with the YUV color 137.2380, 16.1517, 46.2723.



This preview shows how white text looks on a background with the YUV color 137.2380, 16.1517,

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

137.2380, 16.1517, 46.2723

Protanopia

133.9420, 28.1296, -15.7351

Deuteranopia

135.1750, 14.7037, -2.7845



Tritanopia

136.2550, -6.5347, 42.7494

Trichromacy



Original Color

137.2380, 16.1517, 46.2723

Protanomaly

135.2330, 23.5491, 6.8117

Deuteranomaly

135.8120, 15.3757, 15.0739

Tritanomaly

136.4430, 1.7536, 44.3385

Monochromacy



Original Color

137.2380, 16.1517, 46.2723

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0050, 5.9135, 16.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2380, 16.1517, 46.2723 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(190, 104, 170)` looks like.

```
.text, #text, p{  
    color:rgb(190, 104, 170)  
}
```

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(190, 104, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 104, 170) }
```

Border

The CSS property to change the border of an element to YUV 137.2380, 16.1517, 46.2723 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(190, 104, 170) }
```


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

```
.border{ border-color:rgb(190, 104, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 104, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 104, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 104, 170);  
box-shadow:4px 4px 4px 4px rgb(190, 104,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 137.2380, 16.1517, 46.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 104, 170) }
```

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

```
.background{ background-color: rgb(190,  
104, 170) }
```

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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