

Converting Colors

YUV(138.6200, 10.0473,
44.1833)

Have a look what the booklet for
YUV(138.6200, 10.0473, 44.1833)
contains.

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Color

**YUV(138.6200, 10.0473,
44.1833)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6D9F
RGB	189, 109, 159
RGB Percent	74%, 43%, 62%
CMY	0.2588, 0.5725, 0.3765
CMYK	0.00, 0.42, 0.16, 0.26
HSL	322°, 38%, 58%
HSV	322°, 42%, 74%
XYZ	32.7129, 24.2593, 35.7592
YIQ	138.6200, 31.6300, 32.5100

Conversions

Conversions Part 2

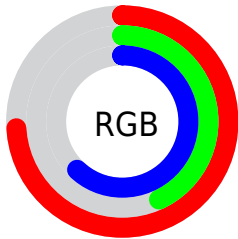
Format	Color
R _Y B	189, 109, 159
Decimal	12414367
CIE Lab	56.35, 38.56, -13.25
CIE LCh	56, 40.775, 341.034
Yxy	24.2593, 0.3528, 0.2616
Android (android.graphics.Color)	4290604447 (0xFFBD6D9F)
YUV	138.6200, 10.0473, 44.1833
Hunter-Lab	49.2537, 32.3605, -8.5682

Details

The YUV color **138.6200, 10.0473, 44.1833** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **159.3800, -10.0473, -44.1833**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3430, 10.1839, 47.0572**, and **86.4240, 10.6370, 41.7242** is the 20% darker color. If you saturate the color by 10%, you get **126.6690, 12.4882, 54.6643**, and if you desaturate by 10%, it is **150.5710, 7.6065, 33.7022**.

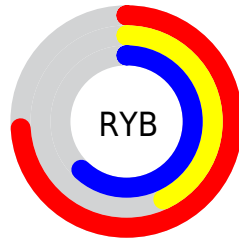
Distribution



Red (74%)

Green (43%)

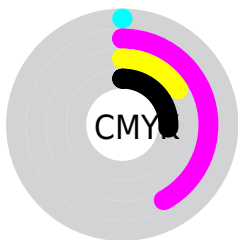
Blue (62%)



Red (74%)

Yellow (43%)

Blue (62%)

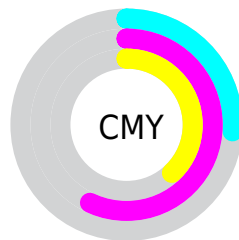


Cyan (0%)

Magenta (42%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (57%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.6200, 10.0473, 44.1833 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 138.6200, 10.0473, 44.1833 by changing the saturation by 10% instead.


 138.6200, 10.0473,
44.1833


 138.6200, 10.0473,
44.1833


255.0000, 0.0000,
0.0000


 112.0220, 10.3422,
42.9537


 193.3430, 10.1839,
47.0572

 86.4240, 10.6370,
41.7242


 215.3630, 13.1320,
34.7616


 60.8260, 10.9318,
40.4946

 233.2810, 10.7075,
19.0476

 32.8200, 13.3997,
42.2539

 250.3040, 2.3151,
4.1184

 21.3750, 8.1961,
31.2431

 12.1040, 2.4137,
19.2028

 0.0000, 0.0000,

0.0000

■ 138.6200, 10.0473,
44.1833

■ 138.6200, 10.0473,
44.1833

■ 126.6690, 12.4882,
54.6643

■ 150.5710, 7.6065,
33.7022

■ 114.7180, 14.9290,
65.1453

■ 162.5220, 5.1657,
23.2212

■ 102.7670, 17.3699,
75.6263

■ 174.4730, 2.7248,
12.7402

■ 90.8160, 19.8107,
86.1074

■ 186.4240, 0.2840,
2.2592

■ 79.4520, 21.9622,
96.0736

■ 198.3750, -2.1569,
-8.2219

■ 69.9630, 23.6822,
104.3954

■ 209.8530, -3.8715,
-18.2881

■ 221.8040, -6.3124,
-28.7691

■ 230.8200, -7.3063,
-36.6761

■ 231.6180, -4.2487,
-37.3760

Harmonies

Analogous

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



138.9180, 24.6904, 14.1039



138.6200, 10.0473, 44.1833



136.6420, -6.7255, 57.3190

Triad

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



138.6200, 10.0473, 44.1833



130.6570, -33.3549, 11.7018



109.2710, 35.3624, -95.8307

Complementary

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



138.6200, 10.0473, 44.1833



159.3800, -10.0473, -44.1833

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.



106.6830, 20.3693, -93.5610



138.6200, 10.0473, 44.1833



126.2170, -22.7850, -18.6073

Square

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



138.6200, 10.0473, 44.1833



133.4520, -32.2678, 36.4376



117.7250, -3.3154, -56.7638



108.1430, 46.2715, -94.8414

Rectangle

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



138.6200, 10.0473, 44.1833



135.1830, -17.3452, 56.8445



117.7250, -3.3154, -56.7638



108.7180, 30.7050, -95.3457

Sweetspot

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



138.6200, 10.0473, 44.1833



224.8480, 4.0189, 17.6733



126.7910, 30.6690, 9.8303



110.0490, 2.4408, 10.4810



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.



138.6200, 10.0473, 44.1833



166.2670, 15.6444, 69.0488



134.1740, -6.9878, 48.0824



88.3750, 1.2941, 4.9331



58.5280, 19.9527, 87.2369



11.4350, 3.7295, 17.1585

Inverse Universe

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



138.6200, 10.0473, 44.1833



166.2670, 15.6444, 69.0488



163.8260, 6.9878, -48.0824



88.3750, 1.2941, 4.9331



58.5280, 19.9527, 87.2369



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 138.6200, 10.0473, 44.1833 looks on a white background.

Color Contrast Check

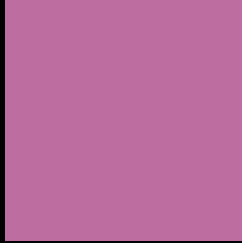
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.6200, 10.0473, 44.1833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

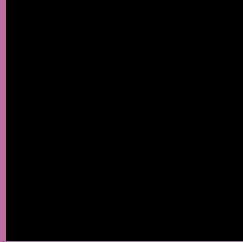
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.6200, 10.0473, 44.1833

Background



This preview shows how black text looks on a background with the YUV color 138.6200, 10.0473, 44.1833.



This preview shows how white text looks on a background with the YUV color 138.6200, 10.0473,

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

138.6200, 10.0473, 44.1833

Protanopia

135.7980, 19.8196, -10.3468

Deuteranopia

137.0140, 8.8671, 2.6187



Tritanopia

137.5430, -6.6767, 41.6198

Trichromacy



Original Color

138.6200, 10.0473, 44.1833

Protanomaly

137.0070, 16.2655, 9.6409

Deuteranomaly

137.8140, 8.9657, 17.7031

Tritanomaly

137.5630, -0.2776, 42.4792

Monochromacy



Original Color

138.6200, 10.0473, 44.1833

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.7230, 3.5876, 16.0289

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.6200, 10.0473, 44.1833 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, 109, 159)` looks like.

```
.text, #text, p{  
    color:rgb(189, 109, 159)  
}
```

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, 109, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 109, 159) }
```

Border

The CSS property to change the border of an element to YUV 138.6200, 10.0473, 44.1833 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, 109, 159) }
```


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

```
.border{ border-color:rgb(189, 109, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 109, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 109, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 109, 159);  
box-shadow:4px 4px 4px 4px rgb(189, 109,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 138.6200, 10.0473, 44.1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 109, 159) }
```

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

```
.background{ background-color: rgb(189,  
109, 159) }
```

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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