

Converting Colors

YUV(144.1230, 17.1944,
38.4801)

Have a look what the booklet for
YUV(144.1230, 17.1944, 38.4801)
contains.

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Color

**YUV(144.1230, 17.1944,
38.4801)**

Conversions

Conversions Part 1

Format	Color
Hex	BC73B3
RGB	188, 115, 179
RGB Percent	74%, 45%, 70%
CMY	0.2627, 0.5490, 0.2980
CMYK	0.00, 0.39, 0.05, 0.26
HSL	307°, 35%, 59%
HSV	307°, 39%, 74%
XYZ	35.0065, 26.2075, 45.8613
YIQ	144.1230, 22.9640, 35.3800

Conversions

Conversions Part 2

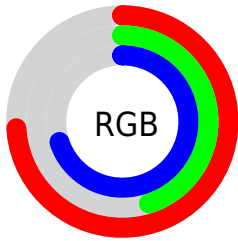
Format	Color
RYB	188, 115, 179
Decimal	12350387
CIELab	58.23, 38.43, -21.93
CIELCh	58, 44.249, 330.289
Yxy	26.2075, 0.3269, 0.2448
Android (android.graphics.Color)	4290540467 (0xFFBC73B3)
YUV	144.1230, 17.1944, 38.4801
Hunter-Lab	51.1933, 32.4718, -17.2795

Details

The YUV color **144.1230, 17.1944, 38.4801** is a light color, and the websafe version is hex **996699**. A complement of this color would be **158.8770, -17.1944, -38.4801**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6610, 17.9151, 40.6393**, and **91.6990, 16.9104, 36.2210** is the 20% darker color. If you saturate the color by 10%, you get **132.7420, 21.8192, 48.4613**, and if you desaturate by 10%, it is **155.5040, 12.5695, 28.4990**.

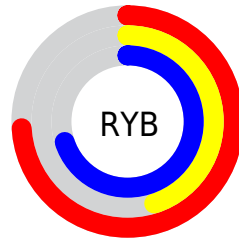
Distribution



Red (74%)

Green (45%)

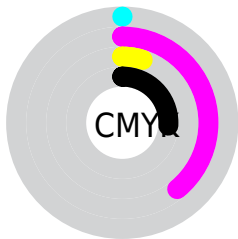
Blue (70%)



Red (74%)

Yellow (45%)

Blue (70%)

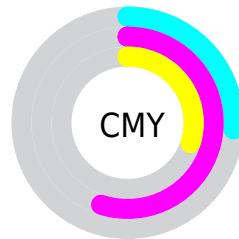


Cyan (0%)

Magenta (39%)

Yellow (5%)

Black (26%)



Cyan (26%)


Magenta (55%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 144.1230, 17.1944, 38.4801 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 144.1230, 17.1944, 38.4801 by changing the saturation by 10% instead.


 144.1230, 17.1944,
38.4801


 144.1230, 17.1944,
38.4801


255.0000, 0.0000,
0.0000

 117.4110, 17.0524,
37.3506


 198.6610, 17.9151,
40.6393

 91.6990, 16.9104,
36.2210


 220.3670, 17.0741,
30.3731

 66.9870, 16.7684,
35.0914

 236.8030, 8.9711,
15.9588

 40.0410, 18.2208,
35.9210

253.8260, 0.5788,
1.0296

 23.1990, 15.1849,
29.6435

 14.5260, 9.1077,
18.8327

 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 144.1230, 17.1944,
38.4801

■ 144.1230, 17.1944,
38.4801

■ 132.7420, 21.8192,
48.4613

■ 155.5040, 12.5695,
28.4990

■ 121.2470, 26.0072,
58.5424

■ 166.9990, 8.3815,
18.4179

■ 110.4530, 30.3427,
68.0087

■ 177.7930, 4.0461,
8.9515

■ 99.0720, 34.9675,
77.9899

■ 189.1740, -0.5788,
-1.0296

■ 87.5770, 39.1555,
88.0710

■ 200.6690, -4.7668,
-11.1107

■ 76.1960, 43.7804,
98.0521

■ 212.0500, -9.3916,
-21.0918

■ 75.0220, 44.3592,
99.0817

■ 223.4310,
-14.0165, -31.0730

■ 228.4690,
-15.0212, -35.4913

■ 228.6970,
-14.1476, -35.6913

Harmonies

Analogous

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



142.6650, 31.7172, 0.2938



144.1230, 17.1944, 38.4801



141.6730, -0.3318, 59.9228

Triad

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



144.1230, 17.1944, 38.4801



136.2840, -37.6080, 22.5529



113.6250, 31.7369, -99.6491

Complementary

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



144.1230, 17.1944, 38.4801



158.8770, -17.1944, -38.4801

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.



109.1790, 14.7018, -95.7500



144.1230, 17.1944, 38.4801



132.2200, -30.6745, -8.0859

Square

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



144.1230, 17.1944, 38.4801



138.8170, -32.4478, 47.5185



124.7990, -12.2259, -45.4277



113.9960, 45.8510, -99.9745

Rectangle

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



144.1230, 17.1944, 38.4801



140.7800, -12.7095, 63.3369



124.7990, -12.2259, -45.4277



112.8440, 26.2059, -98.9642

Sweetspot

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



144.1230, 17.1944, 38.4801



226.9340, 6.9345, 15.8439



126.0130, 30.5596, -1.7654



111.7930, 4.0461, 8.9515



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.



144.1230, 17.1944, 38.4801



175.8990, 27.1648, 60.6016



140.0190, 1.4696, 42.0793



88.6030, 2.1677, 4.7332



63.0880, 37.4246, 83.2378



12.3470, 7.2239, 16.3587

Inverse Universe

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



144.1230, 17.1944, 38.4801



175.8990, 27.1648, 60.6016



162.9810, -1.4696, -42.0793



88.6030, 2.1677, 4.7332



63.0880, 37.4246, 83.2378



12.3470, 7.2239, 16.3587

Previews

White Background



This preview shows how the YUV color 144.1230, 17.1944, 38.4801 looks on a white background.

Color Contrast Check

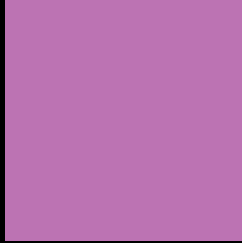
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.1230, 17.1944, 38.4801 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 144.1230, 17.1944, 38.4801 Background



This preview shows how black text looks on a background with the YUV color 144.1230, 17.1944, 38.4801.



This preview shows how white text looks on a background with the YUV color 144.1230, 17.1944,

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

144.1230, 17.1944, 38.4801

Protanopia

140.2410, 27.9822, -15.1204

Deuteranopia

141.6200, 16.4563, -4.9287



Tritanopia

142.4820, -4.1816, 34.6573

Trichromacy



Original Color

144.1230, 17.1944, 38.4801

Protanomaly

141.9230, 23.7020, 4.4525

Deuteranomaly

142.7190, 16.4075, 10.7704

Tritanomaly

143.1430, 3.3805, 35.8316

Monochromacy



Original Color

144.1230, 17.1944, 38.4801

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

143.8090, 6.5032, 14.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.1230, 17.1944, 38.4801 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, 115, 179)` looks like.

```
.text, #text, p{  
    color:rgb(188, 115, 179)  
}
```

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, 115, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 115, 179) }
```

Border

The CSS property to change the border of an element to YUV 144.1230, 17.1944, 38.4801 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, 115, 179) }
```


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

```
.border{ border-color:rgb(188, 115, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 115, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 115, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 115, 179);  
box-shadow:4px 4px 4px 4px rgb(188, 115,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 144.1230, 17.1944, 38.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 115, 179) }
```

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

```
.background{ background-color: rgb(188,  
115, 179) }
```

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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