

Converting Colors

YUV(123.2440, 17.1347,
57.6680)

Have a look what the booklet for
YUV(123.2440, 17.1347, 57.6680)
contains.

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Color

**YUV(123.2440, 17.1347,
57.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	BD539E
RGB	189, 83, 158
RGB Percent	74%, 33%, 62%
CMY	0.2588, 0.6745, 0.3804
CMYK	0.00, 0.56, 0.16, 0.26
HSL	318°, 45%, 53%
HSV	318°, 56%, 74%
XYZ	30.2511, 19.4740, 34.5122
YIQ	123.2440, 39.1010, 45.7970

Conversions

Conversions Part 2

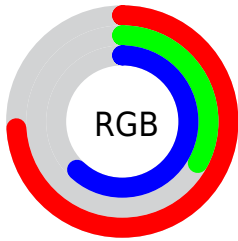
Format	Color
R_{YB}	189, 83, 158
Decimal	12407710
CIE _{Lab}	51.24, 51.56, -20.44
CIE _{LCh}	51, 55.467, 338.378
Yxy	19.4740, 0.3591, 0.2312
Android (android.graphics.Color)	4290597790 (0xFFBD539E)
YUV	123.2440, 17.1347, 57.6680
Hunter-Lab	44.1293, 45.1373, -15.4784

Details

The YUV color **123.2440, 17.1347, 57.6680** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **148.7560, -17.1347, -57.6680**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.5540, 16.9819, 60.0271**, and **67.1130, 19.1713, 57.7829** is the 20% darker color. If you saturate the color by 10%, you get **111.4070, 20.0123, 68.0491**, and if you desaturate by 10%, it is **135.0810, 14.2571, 47.2870**.

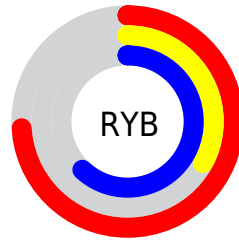
Distribution



Red (74%)

Green (33%)

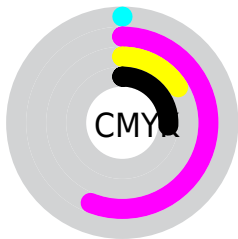
Blue (62%)



Red (74%)

Yellow (33%)

Blue (62%)

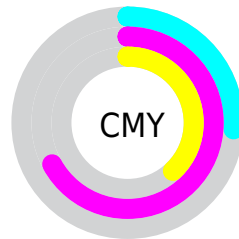


Cyan (0%)

Magenta (56%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (67%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.2440, 17.1347, 57.6680 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 123.2440, 17.1347, 57.6680 by changing the saturation by 10% instead.


 123.2440, 17.1347,
57.6680

 123.2440, 17.1347,
57.6680


255.0000, 0.0000,
0.0000


 96.0590, 17.7189,
56.9533


 178.5540, 16.9819,
60.0271


 67.1130, 19.1713,
57.7829


 200.5740, 19.9300,
47.7316

 41.0420, 20.1923,
56.9682


 218.6060, 17.9422,
31.9175

 30.3470, 14.1259,
42.6687

 235.0420, 9.8393,
17.5032

 20.6630, 8.0541,
30.1135

 252.6520, 1.1576,
2.0592

 8.6580, 2.1406,
13.4549

 0.0000, 0.0000,

0.0000

■ 123.2440, 17.1347,
57.6680

■ 123.2440, 17.1347,
57.6680

■ 111.4070, 20.0123,
68.0491

■ 135.0810, 14.2571,
47.2870

■ 99.6840, 23.3268,
78.3301

■ 146.8040, 10.9426,
37.0059

■ 87.8470, 26.2044,
88.7112

■ 158.6410, 8.0650,
26.6248

■ 76.1240, 29.5189,
98.9923

■ 170.3640, 4.7505,
16.3438

■ 71.7870, 30.6710,
102.7958

■ 182.2010, 1.8729,
5.9627

■ 193.3370, -1.1521,
-3.8035

■ 205.1740, -4.0298,
-14.1846

■ 216.8970, -7.3442,
-24.4657

■ 228.7340,
-10.2219, -34.8467

Harmonies

Analogous

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



125.0780, 35.4575, 13.9636



123.2440, 17.1347, 57.6680



118.5720, -3.7330, 77.5514

Triad

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



123.2440, 17.1347, 57.6680



113.4670, -51.9952, 17.1304



104.4610, 37.2407, -91.6123

Complementary

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



123.2440, 17.1347, 57.6680



148.7560, -17.1347, -57.6680

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.



99.8040, 16.8586, -87.5281



123.2440, 17.1347, 57.6680



109.0240, -33.5358, -23.7000

Square

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



123.2440, 17.1347, 57.6680



117.6140, -44.6727, 48.5735



93.0440, -3.9657, -81.5996



103.7720, 52.3704, -91.0080

Rectangle

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



123.2440, 17.1347, 57.6680



117.9620, -18.7153, 76.3323



93.0440, -3.9657, -81.5996



103.4520, 30.8362, -90.7274

Sweetspot

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



123.2440, 17.1347, 57.6680



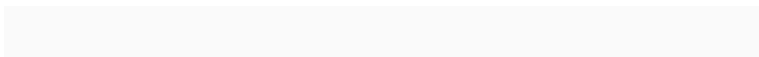
218.9780, 6.9128, 22.8213



104.0540, 41.8784, 7.8456



107.1140, 3.8878, 13.0550



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.



123.2440, 17.1347, 57.6680



143.2600, 26.4938, 89.2260



117.3160, -5.5788, 62.8669



88.4890, 1.7309, 4.8331



60.0100, 25.6311, 85.9372



11.7770, 5.0399, 16.8586

Inverse Universe

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



123.2440, 17.1347, 57.6680



143.2600, 26.4938, 89.2260



154.6840, 5.5788, -62.8669



88.4890, 1.7309, 4.8331



60.0100, 25.6311, 85.9372



11.7770, 5.0399, 16.8586

Previews

White Background



This preview shows how the YUV color 123.2440, 17.1347, 57.6680 looks on a white background.

Color Contrast Check

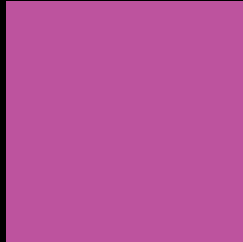
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.2440, 17.1347, 57.6680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

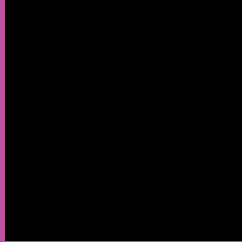
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.2440, 17.1347, 57.6680

Background



This preview shows how black text looks on a background with the YUV color 123.2440, 17.1347, 57.6680.

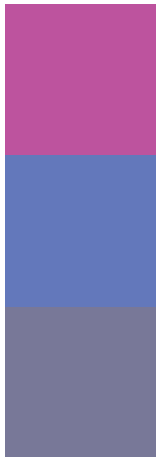


This preview shows how white text looks on a background with the YUV color 123.2440, 17.1347,

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

123.2440, 17.1347, 57.6680

Protanopia

121.3590, 32.3610, -19.6088

Deuteranopia

123.6480, 13.9775, -3.1993



Tritanopia

122.8110, -9.7668, 52.7858

Trichromacy



Original Color

123.2440, 17.1347, 57.6680



Protanomaly

122.3410, 26.4539, 8.4709



Deuteranomaly

123.7200, 14.9280, 18.6626



Tritanomaly

122.7540, 0.1213, 54.5897

Monochromacy



Original Color

123.2440, 17.1347, 57.6680



Achromatopsia

123.0000, 0.0000, 0.0000



Achromatomaly

122.8530, 6.4815, 21.1769

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.2440, 17.1347, 57.6680 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, 83, 158)` looks like.

```
.text, #text, p{  
    color:rgb(189, 83, 158)  
}
```

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, 83, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 83, 158) }
```

Border

The CSS property to change the border of an element to YUV 123.2440, 17.1347, 57.6680 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, 83, 158) }
```


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

```
.border{ border-color:rgb(189, 83, 158) }
```

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

Here you see how a box with a 4 pixel rgb(189, 83, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 83, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 83, 158);  
box-shadow:4px 4px 4px 4px rgb(189, 83,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 123.2440, 17.1347, 57.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 83, 158) }
```

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

```
.background{ background-color: rgb(189, 83,  
158) }
```

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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