

Converting Colors

YUV(123.5040, 19.4715,
54.8090)

Have a look what the booklet for
YUV(123.5040, 19.4715, 54.8090)
contains.

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Color

**YUV(123.5040, 19.4715,
54.8090)**

Conversions

Conversions Part 1

Format	Color
Hex	BA54A3
RGB	186, 84, 163
RGB Percent	73%, 33%, 64%
CMY	0.2706, 0.6706, 0.3608
CMYK	0.00, 0.55, 0.12, 0.27
HSL	314°, 42%, 53%
HSV	314°, 55%, 73%
XYZ	30.0309, 19.4241, 36.8168
YIQ	123.5040, 35.4330, 46.1930

Conversions

Conversions Part 2

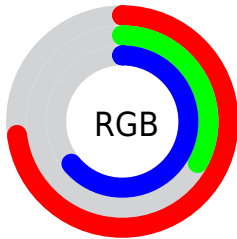
Format	Color
R_{YB}	186, 84, 163
Decimal	12211363
CIE _{Lab}	51.18, 50.98, -23.51
CIE _{LCh}	51, 56.140, 335.246
Yxy	19.4241, 0.3481, 0.2252
Android (android.graphics.Color)	4290401443 (0xFFBA54A3)
YUV	123.5040, 19.4715, 54.8090
Hunter-Lab	44.0728, 44.5013, -18.6777

Details

The YUV color **123.5040, 19.4715, 54.8090** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **146.4960, -19.4715, -54.8090**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.8140, 19.3187, 57.1681**, and **67.9600, 21.2187, 54.4091** is the 20% darker color. If you saturate the color by 10%, you get **111.8950, 23.2228, 64.9901**, and if you desaturate by 10%, it is **135.1130, 15.7203, 44.6279**.

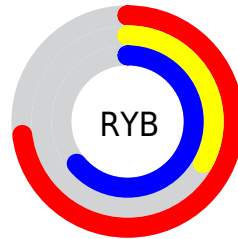
Distribution



Red (73%)

Green (33%)

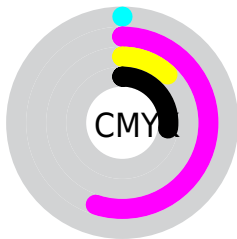
Blue (64%)



Red (73%)

Yellow (33%)

Blue (64%)

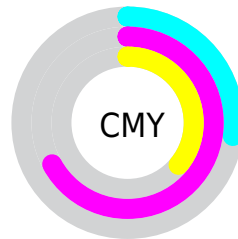


Cyan (0%)

Magenta (55%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (67%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.5040, 19.4715, 54.8090 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 123.5040, 19.4715, 54.8090 by changing the saturation by 10% instead.


 123.5040, 19.4715,
54.8090


 123.5040, 19.4715,
54.8090


255.0000, 0.0000,
0.0000


 96.3190, 20.0557,
54.0942


 178.8140, 19.3187,
57.1681


 67.9600, 21.2187,
54.4091


 201.2580, 22.5508,
47.1317

 40.6010, 22.3817,
54.7239


 218.6060, 17.9422,
31.9175

 30.2050, 16.1679,
41.0392

 235.6290, 9.5499,
16.9884

 20.5210, 10.0961,
28.4841

 252.6520, 1.1576,
2.0592

 8.4450, 5.2036,
11.0107

 0.0000, 0.0000,

0.0000

■ 123.5040, 19.4715,
54.8090

■ 123.5040, 19.4715,
54.8090

■ 111.8950, 23.2228,
64.9901

■ 135.1130, 15.7203,
44.6279

■ 100.8730, 26.6846,
74.6564

■ 146.1350, 12.2584,
34.9616

■ 89.1500, 29.9990,
84.9374

■ 157.8580, 8.9440,
24.6805

■ 78.1280, 33.4609,
94.6037

■ 168.8800, 5.4822,
15.0142

■ 72.0300, 35.4812,
99.9517

■ 180.4890, 1.7309,
4.8331

■ 192.0980, -2.0203,
-5.3479

■ 203.1200, -5.4822,
-15.0142

■ 214.8430, -8.7966,
-25.2953

■ 225.8650,
-12.2584, -34.9616

Harmonies

Analogous

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



124.6150, 37.6578, 8.2306



123.5040, 19.4715, 54.8090



118.4410, -1.6964, 77.6662

Triad

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



123.5040, 19.4715, 54.8090



113.3320, -53.9007, 21.6338



104.0050, 35.4935, -91.2124

Complementary

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



123.5040, 19.4715, 54.8090



146.4960, -19.4715, -54.8090

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.



99.2340, 14.6746, -87.0282



123.5040, 19.4715, 54.8090



109.5470, -36.7517, -18.8967

Square

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



123.5040, 19.4715, 54.8090



117.2770, -43.5206, 52.3771



92.4740, -6.1497, -81.0997



104.2450, 51.6442, -91.4229

Rectangle

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



123.5040, 19.4715, 54.8090



117.5430, -16.5367, 77.5768



92.4740, -6.1497, -81.0997



102.9960, 29.0890, -90.3275

Sweetspot

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



123.5040, 19.4715, 54.8090



218.1950, 7.7919, 20.8770



102.2060, 41.3104, 3.3273



107.9290, 4.4720, 12.3403



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.



123.5040, 19.4715, 54.8090



143.9760, 30.5778, 85.9670



117.8040, -2.3684, 59.8079



86.4890, 1.7309, 4.8331



60.3240, 29.4203, 83.9079



10.8800, 5.4822, 15.0142

Inverse Universe

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



123.5040, 19.4715, 54.8090



143.9760, 30.5778, 85.9670



152.1960, 2.3684, -59.8079



86.4890, 1.7309, 4.8331



60.3240, 29.4203, 83.9079



10.8800, 5.4822, 15.0142

Previews

White Background



This preview shows how the YUV color 123.5040, 19.4715, 54.8090 looks on a white background.

Color Contrast Check

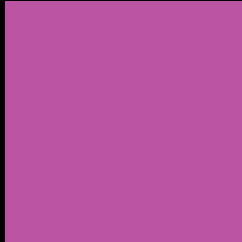
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.5040, 19.4715, 54.8090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

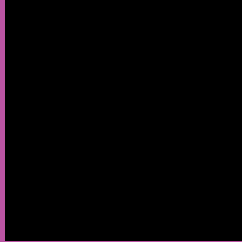
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.5040, 19.4715, 54.8090

Background



This preview shows how black text looks on a background with the YUV color 123.5040, 19.4715, 54.8090.



This preview shows how white text looks on a background with the YUV color 123.5040, 19.4715,

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

123.5040, 19.4715, 54.8090

Protanopia

121.0320, 34.9872, -21.9531

Deuteranopia

123.0220, 16.7512, -6.1583



Tritanopia

123.3160, -9.0298, 49.7119

Trichromacy



Original Color

123.5040, 19.4715, 54.8090

Protanomaly

122.0140, 29.0801, 6.1267

Deuteranomaly

123.0940, 17.7017, 15.7036

Tritanomaly

123.3730, 1.2951, 51.4159

Monochromacy



Original Color

123.5040, 19.4715, 54.8090

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.6680, 7.0657, 20.4622

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5040, 19.4715, 54.8090 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(186, 84, 163)` looks like.

```
.text, #text, p{  
    color:rgb(186, 84, 163)  
}
```

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(186, 84, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 84, 163) }
```

Border

The CSS property to change the border of an element to YUV 123.5040, 19.4715, 54.8090 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(186, 84, 163) }
```


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

```
.border{ border-color:rgb(186, 84, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 84, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 84, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 84, 163);  
box-shadow:4px 4px 4px 4px rgb(186, 84,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 123.5040, 19.4715, 54.8090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 84, 163) }
```

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

```
.background{ background-color: rgb(186, 84,  
163) }
```

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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