

Converting Colors

YUV(125.0680, 24.1235,
56.0684)

Have a look what the booklet for
YUV(125.0680, 24.1235, 56.0684)
contains.

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Color

**YUV(125.0680, 24.1235,
56.0684)**

Conversions

Conversions Part 1

Format	Color
Hex	BD53AE
RGB	189, 83, 174
RGB Percent	74%, 33%, 68%
CMY	0.2588, 0.6745, 0.3176
CMYK	0.00, 0.56, 0.08, 0.26
HSL	308°, 45%, 53%
HSV	308°, 56%, 74%
XYZ	31.7195, 20.0613, 42.2448
YIQ	125.0680, 33.9650, 50.7730

Conversions

Conversions Part 2

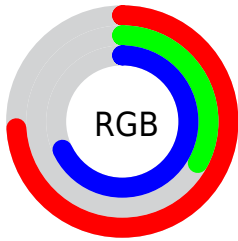
Format	Color
R_{YB}	189, 83, 174
Decimal	12407726
CIE _{Lab}	51.91, 54.12, -28.79
CIE _{LCh}	52, 61.298, 331.986
Yxy	20.0613, 0.3373, 0.2134
Android (android.graphics.Color)	4290597806 (0xFFBD53AE)
YUV	125.0680, 24.1235, 56.0684
Hunter-Lab	44.7899, 48.0287, -24.5681

Details

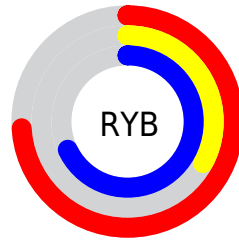
The YUV color **125.0680, 24.1235, 56.0684** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **146.9320, -24.1235, -56.0684**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4920, 24.4074, 58.3275**, and **68.2360, 26.0127, 56.7980** is the 20% darker color. If you saturate the color by 10%, you get **113.5730, 28.3115, 66.1495**, and if you desaturate by 10%, it is **136.5630, 19.9354, 45.9872**.

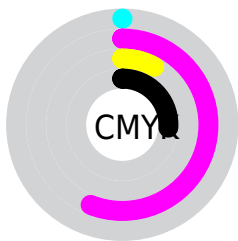
Distribution



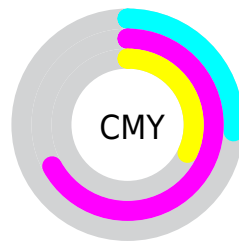
- Red (74%)
- Green (33%)
- Blue (68%)



- Red (74%)
- Yellow (33%)
- Blue (68%)



- Cyan (0%)
- Magenta (56%)
- Yellow (8%)
- Black (26%)



- Cyan (26%)
- Magenta (67%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.0680, 24.1235, 56.0684 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 125.0680, 24.1235, 56.0684 by changing the saturation by 10% instead.

125.0680, 24.1235,
56.0684

125.0680, 24.1235,
56.0684

255.0000, 0.0000,
0.0000

97.7690, 24.2709,
55.4536

180.4920, 24.4074,
58.3275

68.2360, 26.0127,
56.7980

202.1700, 26.0452,
46.3319

42.6380, 26.3075,
55.5685

218.6060, 17.9422,
31.9175

31.8290, 19.8043,
41.3690

235.6290, 9.5499,
16.9884

22.0310, 13.2957,
28.9138

252.6520, 1.1576,
2.0592

10.8520, 7.9610,
13.2848

0.0000, 0.0000,

0.0000

■ 125.0680, 24.1235,
56.0684

■ 125.0680, 24.1235,
56.0684

■ 113.5730, 28.3115,
66.1495

■ 136.5630, 19.9354,
45.9872

■ 102.1920, 32.9363,
76.1306

■ 147.9440, 15.3106,
36.0061

■ 90.6970, 37.1244,
86.2117

■ 159.4390, 11.1226,
25.9250

■ 79.2020, 41.3124,
96.2928

■ 170.9340, 6.9345,
15.8439

■ 74.9790, 42.9014,
99.9964

■ 182.3150, 2.3097,
5.8627

■ 193.2230, -1.5889,
-3.7036

■ 204.7180, -5.7770,
-13.7847

■ 216.0990,
-10.4018, -23.7658

■ 227.5940,
-14.5898, -33.8469

Harmonies

Analogous

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



125.6510, 43.0631, 1.1831



125.0680, 24.1235, 56.0684



118.2230, 2.3551, 84.8734

Triad

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



125.0680, 24.1235, 56.0684



115.5560, -56.9691, 25.8224



106.5810, 35.2096, -93.4715

Complementary

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



125.0680, 24.1235, 56.0684



146.9320, -24.1235, -56.0684

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.



101.2400, 12.2067, -88.7875



125.0680, 24.1235, 56.0684



109.3920, -45.0563, -15.2528

Square

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



125.0680, 24.1235, 56.0684



118.2240, -46.4524, 59.4396



92.6220, -10.6596, -81.2295



107.9780, 53.2548, -94.6967

Rectangle

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



125.0680, 24.1235, 56.0684



117.4670, -14.5272, 86.4134



92.6220, -10.6596, -81.2295



105.3440, 27.9314, -92.3867

Sweetspot

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



125.0680, 24.1235, 56.0684



219.6620, 9.5336, 22.2214



99.2700, 44.2369, -1.9908



107.5700, 5.6350, 12.6551



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.



125.0680, 24.1235, 56.0684



146.1100, 37.4138, 86.7265



119.1400, 1.4100, 61.2672



88.6030, 2.1677, 4.7332



62.7460, 36.1142, 83.5378



12.2330, 6.7871, 16.4587

Inverse Universe

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



125.0680, 24.1235, 56.0684



146.1100, 37.4138, 86.7265



152.8600, -1.4100, -61.2672



88.6030, 2.1677, 4.7332



62.7460, 36.1142, 83.5378



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 125.0680, 24.1235, 56.0684 looks on a white background.

Color Contrast Check

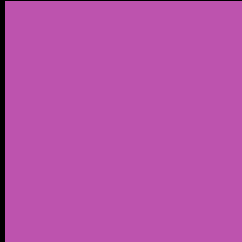
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.0680, 24.1235, 56.0684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

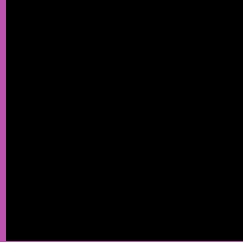
Any Text WCAG AA ✓ Pass

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 125.0680, 24.1235, 56.0684 Background



This preview shows how black text looks on a background with the YUV color 125.0680, 24.1235, 56.0684.



This preview shows how white text looks on a background with the YUV color 125.0680, 24.1235, 56.0684.

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

125.0680, 24.1235, 56.0684

Protanopia

122.0080, 41.4081, -28.0710

Deuteranopia

124.1400, 21.1300, -10.6468



Tritanopia

125.3160, -9.0298, 49.7119

Trichromacy



Original Color

125.0680, 24.1235, 56.0684

Protanomaly

123.1860, 34.9113, 2.4679

Deuteranomaly

124.6360, 22.3645, 13.4742

Tritanomaly

125.4270, 2.7475, 52.2455

Monochromacy



Original Color

125.0680, 24.1235, 56.0684

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1240, 8.8129, 20.0623

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.0680, 24.1235, 56.0684 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(189, 83, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 83, 174) }
```

Border

The CSS property to change the border of an element to YUV 125.0680, 24.1235, 56.0684 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, 174) }
```


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

```
.border{ border-color:rgb(189, 83, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 83, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 83, 174);  
box-shadow:4px 4px 4px 4px rgb(189, 83,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 125.0680, 24.1235, 56.0684 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, 174) }
```

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

```
.background{ background-color: rgb(189, 83,  
174) }
```

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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