

Converting Colors

YUV(124.0450, 25.6138,
44.6875)

Have a look what the booklet for
YUV(124.0450, 25.6138, 44.6875)
contains.

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Color

**YUV(124.0450, 25.6138,
44.6875)**

Conversions

Conversions Part 1

Format	Color
Hex	AF58B0
RGB	175, 88, 176
RGB Percent	69%, 35%, 69%
CMY	0.3137, 0.6549, 0.3098
CMYK	0.01, 0.50, 0.00, 0.31
HSL	299°, 36%, 52%
HSV	299°, 50%, 69%
XYZ	29.0054, 19.2280, 43.2569
YIQ	124.0450, 23.6040, 45.8120

Conversions

Conversions Part 2

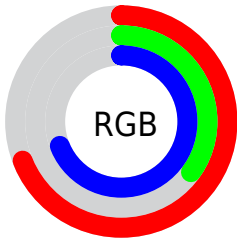
Format	Color
R_{YB}	175, 88, 176
Decimal	11491504
CIE _{Lab}	50.95, 48.04, -31.59
CIE _{LCh}	51, 57.494, 326.671
Yxy	19.2280, 0.3170, 0.2102
Android (android.graphics.Color)	4289681584 (0xFFAF58B0)
YUV	124.0450, 25.6138, 44.6875
Hunter-Lab	43.8497, 41.3358, -27.7936

Details

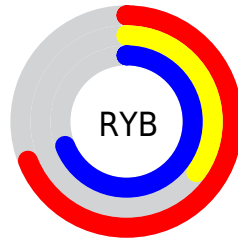
The YUV color **124.0450, 25.6138, 44.6875** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **139.9550, -25.6138, -44.6875**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.5830, 26.3346, 46.8467**, and **70.4470, 25.9086, 43.4580** is the 20% darker color. If you saturate the color by 10%, you get **113.4790, 30.8229, 53.9539**, and if you desaturate by 10%, it is **134.6110, 20.4048, 35.4212**.

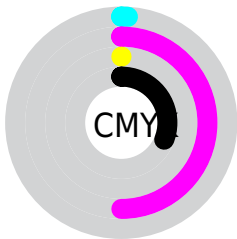
Distribution



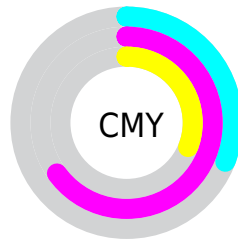
- Red (69%)
- Green (35%)
- Blue (69%)



- Red (69%)
- Yellow (35%)
- Blue (69%)



- Cyan (1%)
- Magenta (50%)
- Yellow (0%)
- Black (31%)




- Cyan (31%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 124.0450, 25.6138, 44.6875 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 124.0450, 25.6138, 44.6875 by changing the saturation by 10% instead.


 124.0450, 25.6138,
44.6875


 124.0450, 25.6138,
44.6875


255.0000, 0.0000,
0.0000

 97.3330, 25.4718,
43.5580


 178.5830, 26.3346,
46.8467

 70.4470, 25.9086,
43.4580


 204.5180, 24.8876,
44.2727

 39.2780, 28.9499,
47.9912


 220.9540, 16.7847,
29.8583

 28.7680, 22.2994,
34.4065

 237.3900, 8.6817,
15.4440

 19.5680, 15.4960,
23.1809

254.4130, 0.2894,
0.5148

 4.8010, 11.9301,
0.1745

 0.0000, 0.0000,

0.0000

■ 124.0450, 25.6138,
44.6875

■ 124.0450, 25.6138,
44.6875

■ 113.4790, 30.8229,
53.9539

■ 134.6110, 20.4048,
35.4212

■ 103.5000, 35.7425,
62.7055

■ 144.5900, 15.4851,
26.6696

■ 92.6350, 41.0989,
71.3571

■ 155.4550, 10.1287,
18.0180

■ 82.6560, 46.0186,
80.1087

■ 165.4340, 5.2090,
9.2664

■ 72.0900, 51.2276,
89.3751

■ 176.0000, 0.0000,
0.0000

■ 186.5660, -5.2090,
-9.2664

■ 196.5450,
-10.1287, -18.0180

■ 207.4100,
-15.4851, -26.6696

■ 217.3890,
-20.4048, -35.4212

Harmonies

Analogous

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



121.9870, 43.3904, -10.5126



124.0450, 25.6138, 44.6875



118.2650, 5.2924, 76.0666

Triad

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



124.0450, 25.6138, 44.6875



113.5290, -55.9698, 31.9851



103.2240, 29.9626, -90.5274

Complementary

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



124.0450, 25.6138, 44.6875



139.9550, -25.6138, -44.6875

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.



97.5240, 8.1227, -85.5285



124.0450, 25.6138, 44.6875



109.4470, -45.0834, -6.5310

Square

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



124.0450, 25.6138, 44.6875



116.7710, -39.3271, 60.7138



95.7550, -15.6552, -65.5601



105.3220, 48.1553, -92.3674

Rectangle

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



124.0450, 25.6138, 44.6875



116.2860, -10.0010, 81.3102



95.7550, -15.6552, -65.5601



101.4000, 22.9738, -88.9278

Sweetspot

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



124.0450, 25.6138, 44.6875



209.1560, 10.2761, 17.4032



98.6190, 38.1488, -9.3129



102.6730, 6.0772, 10.8108



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



124.0450, 25.6138, 44.6875



148.3960, 40.2308, 69.8127



119.4420, 6.6841, 49.6014



83.7170, 2.6045, 4.6332



62.5910, 44.5716, 77.5347



10.4390, 7.6716, 12.7700

Inverse Universe

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



114.4260, -12.5350, 54.0004



133.3760, -19.9054, 84.7392



144.5580, -6.6841, -49.6014



82.6910, -1.3267, 5.5330



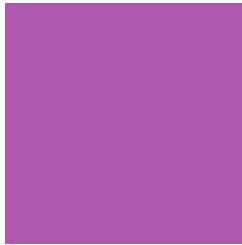
45.9750, -21.6797, 93.8609



7.7740, -3.8326, 15.9842

Previews

White Background



This preview shows how the YUV color 124.0450, 25.6138, 44.6875 looks on a white background.

Color Contrast Check

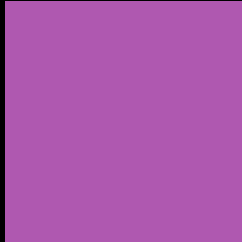
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.0450, 25.6138, 44.6875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

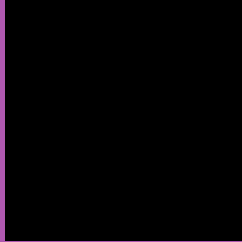
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.0450, 25.6138, 44.6875

Background



This preview shows how black text looks on a background with the YUV color 124.0450, 25.6138, 44.6875.



This preview shows how white text looks on a background with the YUV color 124.0450, 25.6138,

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

124.0450, 25.6138, 44.6875

Protanopia

119.3070, 41.2606, -27.4562

Deuteranopia

121.2150, 24.0510, -14.2206



Tritanopia

123.6350, -6.2291, 38.0311

Trichromacy



Original Color

124.0450, 25.6138, 44.6875

Protanomaly

121.2780, 35.3589, -1.1208

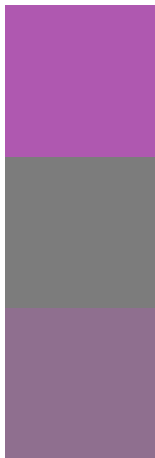
Deuteranomaly

121.8740, 24.7121, 7.1265

Tritanomaly

123.7460, 5.5482, 40.5648

Monochromacy



Original Color

124.0450, 25.6138, 44.6875

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.2160, 9.2605, 16.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.0450, 25.6138, 44.6875 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(175, 88, 176)` looks like.

```
.text, #text, p{  
    color:rgb(175, 88, 176)  
}
```

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(175, 88, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 88, 176) }
```

Border

The CSS property to change the border of an element to YUV 124.0450, 25.6138, 44.6875 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(175, 88, 176) }
```


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

```
.border{ border-color:rgb(175, 88, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 88, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 88, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 88, 176);  
box-shadow:4px 4px 4px 4px rgb(175, 88,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 124.0450, 25.6138, 44.6875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 88, 176) }
```

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

```
.background{ background-color: rgb(175, 88,  
176) }
```

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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