

Converting Colors

YUV(154.7560, 23.7843,
24.7700)

Have a look what the booklet for
YUV(154.7560, 23.7843, 24.7700)
contains.

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Color

**YUV(154.7560, 23.7843,
24.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	B783CB
RGB	183, 131, 203
RGB Percent	72%, 51%, 80%
CMY	0.2824, 0.4863, 0.2039
CMYK	0.10, 0.35, 0.00, 0.20
HSL	283°, 41%, 65%
HSV	283°, 35%, 80%
XYZ	38.4242, 30.6117, 60.3834
YIQ	154.7560, 7.8800, 33.4160

Conversions

Conversions Part 2

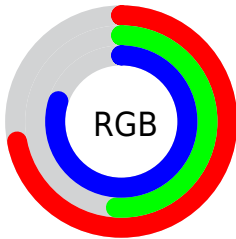
Format	Color
R _Y B	183, 131, 203
Decimal	12026827
CIE Lab	62.18, 32.73, -29.53
CIE LCh	62, 44.082, 317.947
Yxy	30.6117, 0.2969, 0.2365
Android (android.graphics.Color)	4290216907 (0xFFB783CB)
YUV	154.7560, 23.7843, 24.7700
Hunter-Lab	55.3278, 27.1415, -25.9781

Details

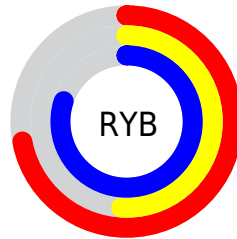
The YUV color **154.7560, 23.7843, 24.7700** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **179.2440, -23.7843, -24.7700**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.4250, 22.4685, 26.8143**, and **102.5170, 22.9161, 23.2256** is the 20% darker color. If you saturate the color by 10%, you get **141.2220, 30.4566, 31.3773**, and if you desaturate by 10%, it is **168.2900, 17.1120, 18.1627**.

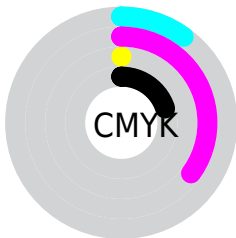
Distribution



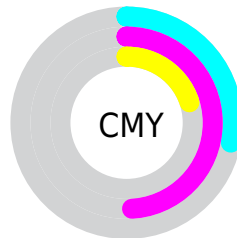
- Red (72%)
- Green (51%)
- Blue (80%)



- Red (72%)
- Yellow (51%)
- Blue (80%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.7560, 23.7843, 24.7700 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 154.7560, 23.7843, 24.7700 by changing the saturation by 10% instead.

154.7560, 23.7843,
24.7700

154.7560, 23.7843,
24.7700

255.0000, 0.0000,
0.0000

128.2290, 23.0581,
24.3552

209.4250, 22.4685,
26.8143

102.5170, 22.9161,
23.2256

230.3460, 12.1544,
21.6216

77.6910, 22.3373,
22.1960

246.7820, 4.0515,
7.2072

53.7510, 21.3218,
21.2664

28.8650, 21.7586,
21.1664

15.3820, 17.5597,
14.5740

4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 154.7560, 23.7843,
24.7700

■ 154.7560, 23.7843,
24.7700

■ 141.2220, 30.4566,
31.3773

■ 168.2900, 17.1120,
18.1627

■ 127.4000, 37.2708,
39.1142

■ 182.1120, 10.2978,
10.4258

■ 113.8660, 43.9431,
45.7215

■ 195.6460, 3.6255,
3.8185

■ 100.3320, 50.6153,
52.3288

■ 209.1800, -3.0467,
-2.7889

■ 87.0970, 57.1402,
59.5509

■ 223.0020, -9.8610,
-10.5258

■ 72.9760, 64.1018,
66.6730

■ 236.5360,
-16.5332, -17.1331

■ 67.0950, 67.0012,
70.0767

■ 239.2050,
-17.8491, -15.0888

■ 240.9990,
-18.7335, -11.4001

■ 242.7930,
-19.6179, -7.7115

Harmonies

Analogous

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



149.6240, 37.1604, -18.9642



154.7560, 23.7843, 24.7700



153.8770, 6.9626, 53.6049

Triad

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



154.7560, 23.7843, 24.7700



148.1760, -37.0618, 34.0486



119.5120, 26.3696, -104.8120

Complementary

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



154.7560, 23.7843, 24.7700



179.2440, -23.7843, -24.7700

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.



126.0260, 3.4382, -76.3218



154.7560, 23.7843, 24.7700



144.4560, -35.2278, 5.7391

Square

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



154.7560, 23.7843, 24.7700



149.8380, -27.5281, 56.2701



138.9060, -21.1527, -28.8586



121.6270, 42.0889, -106.6669

Rectangle

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



154.7560, 23.7843, 24.7700



152.3160, -5.5788, 62.8669



138.9060, -21.1527, -28.8586



118.0300, 20.6912, -103.5123

Sweetspot

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



154.7560, 23.7843, 24.7700



236.1720, 9.2822, 9.4962



150.9480, 25.6616, -17.4944



116.5260, 5.6567, 5.6777



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



154.7560, 23.7843, 24.7700



181.4600, 36.2552, 38.1846



158.9120, 13.8474, 38.6652



95.2330, 3.3361, 3.3037



54.8040, 54.8196, 57.1769



12.7040, 12.4709, 13.4146

Inverse Universe

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



154.8080, -1.8773, 42.2644



181.4240, -2.6740, 64.5262



175.0880, -13.8474, -38.6652



95.3320, -0.1637, 5.8478



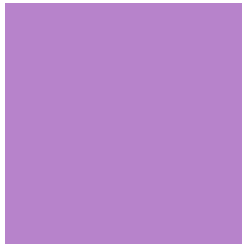
54.8780, -4.3769, 97.4540



12.6160, -0.7967, 22.2618

Previews

White Background



This preview shows how the YUV color 154.7560, 23.7843, 24.7700 looks on a white background.

Color Contrast Check

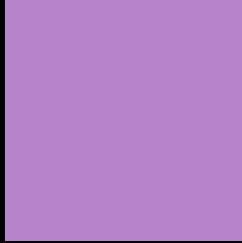
Large Text (above 18pt) WCAG AA × Fail

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 154.7560, 23.7843, 24.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

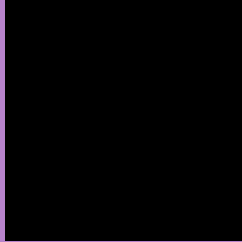
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.7560, 23.7843, 24.7700

Background



This preview shows how black text looks on a background with the YUV color 154.7560, 23.7843, 24.7700.



This preview shows how white text looks on a background with the YUV color 154.7560, 23.7843,

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

154.7560, 23.7843, 24.7700

Protanopia

150.0710, 32.5030, -18.4793

Deuteranopia

150.9380, 24.1876, -11.3466



Tritanopia

152.4200, -0.2071, 19.8027

Trichromacy



Original Color

154.7560, 23.7843, 24.7700



Protanomaly

151.9590, 29.1072, -2.5950



Deuteranomaly

152.3140, 24.0022, 1.4786



Tritanomaly

153.1350, 8.8074, 21.8066

Monochromacy



Original Color

154.7560, 23.7843, 24.7700



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.6450, 8.5560, 9.0813

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.7560, 23.7843, 24.7700 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(183, 131, 203)` looks like.

```
.text, #text, p{  
    color:rgb(183, 131, 203)  
}
```

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(183, 131, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 131, 203) }
```

Border

The CSS property to change the border of an element to YUV 154.7560, 23.7843, 24.7700 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(183, 131, 203) }
```


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

```
.border{ border-color:rgb(183, 131, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 131, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 131, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 131, 203);  
box-shadow:4px 4px 4px 4px rgb(183, 131,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 154.7560, 23.7843, 24.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 131, 203) }
```

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

```
.background{ background-color: rgb(183,  
131, 203) }
```

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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