

Converting Colors

YUV(77.8500, 18.3150, 99.2326)

Have a look what the booklet for
YUV(77.8500, 18.3150, 99.2326)
contains.

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Color

**YUV(77.8500, 18.3150,
99.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0D73
RGB	191, 13, 115
RGB Percent	75%, 5%, 45%
CMY	0.2510, 0.9490, 0.5490
CMYK	0.00, 0.93, 0.40, 0.25
HSL	326°, 87%, 40%
HSV	326°, 93%, 75%
XYZ	24.7243, 12.6020, 17.3490
YIQ	77.8500, 73.3460, 69.4580

Conversions

Conversions Part 2

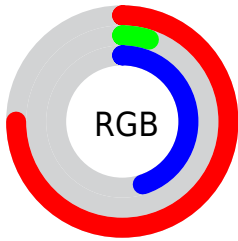
Format	Color
RYB	191, 13, 115
Decimal	12520819
CIELab	42.16, 68.50, -8.15
CIELCh	42, 68.983, 353.211
Yxy	12.6020, 0.4522, 0.2305
Android (android.graphics.Color)	4290710899 (0xFFBF0D73)
YUV	77.8500, 18.3150, 99.2326
Hunter-Lab	35.4993, 62.1965, -4.1263

Details

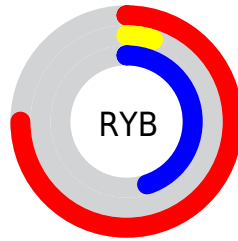
The YUV color **77.8500, 18.3150, 99.2326** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **126.1500, -18.3149, -99.2325**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6290, 10.0429, 92.4104**, and **47.1060, 9.8077, 74.4520** is the 20% darker color. If you saturate the color by 10%, you get **69.5350, 19.4562, 106.5248**, and if you desaturate by 10%, it is **89.9150, 16.3109, 88.6515**.

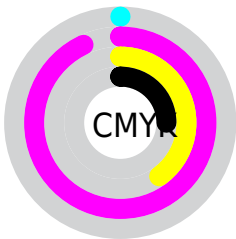
Distribution



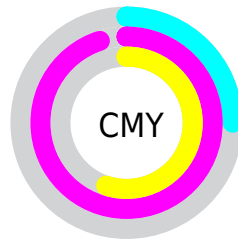
- Red (75%)
- Green (5%)
- Blue (45%)



- Red (75%)
- Yellow (5%)
- Blue (45%)



- Cyan (0%)
- Magenta (93%)
- Yellow (40%)
- Black (25%)



- Cyan (25%)
- Magenta (95%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8500, 18.3150, 99.2326 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 77.8500, 18.3150, 99.2326 by changing the saturation by 10% instead.

■ 77.8500, 18.3150,
99.2326

■ 77.8500, 18.3150,
99.2326

255.0000, 0.0000,
0.0000

■ 58.3990, 15.5793,
89.9811

■ 146.6290, 10.0429,
92.4104

■ 47.1060, 9.8077,
74.4520

■ 167.6270, 13.0019,
76.6261

■ 35.9270, 4.4730,
58.8230

■ 187.8420, 16.8399,
58.8976

■ 25.2750, -0.1356,
43.6088

■ 208.0570, 20.6779,
41.1690

■ 13.9820, -5.9071,
28.0798

■ 226.2370, 14.1802,
25.2252

■ 0.0000, 0.0000,
0.0000

■ 243.2600, 5.7878,

10.2960

■ 77.8500, 18.3150,
99.2326

■ 77.8500, 18.3150,
99.2326

■ 69.5350, 19.4562,
106.5248

■ 89.9150, 16.3109,
88.6515

■ 101.9800, 14.3069,
78.0705

■ 114.0450, 12.3028,
67.4895

■ 126.2240, 10.7356,
56.8086

■ 138.8760, 8.4421,
45.7127

■ 150.9410, 6.4381,
35.1317

■ 163.0060, 4.4340,
24.5507

■ 175.0710, 2.4300,
13.9697

■ 187.1360, 0.4260,
3.3887

Harmonies

Analogous

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



98.4720, 34.7703, 47.8211



77.8500, 18.3150, 99.2326



80.2930, -10.4974, 100.5980

Triad

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



77.8500, 18.3150, 99.2326



87.6040, -43.1888, -7.5457



92.8010, 48.4121, -81.3865

Complementary

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



77.8500, 18.3150, 99.2326



126.1500, -18.3149, -99.2325

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.



88.5030, 26.8670, -77.6171



77.8500, 18.3150, 99.2326



71.5460, -25.4122, -62.7458

Square

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



77.8500, 18.3150, 99.2326



94.0590, -46.3711, 33.2743



81.1900, 1.3853, -71.2036



89.5530, 61.3524, -78.5380

Rectangle

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



77.8500, 18.3150, 99.2326



88.5100, -33.2824, 81.9907



81.1900, 1.3853, -71.2036



91.7920, 42.0075, -80.5016

Sweetspot

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



77.8500, 18.3150, 99.2326



203.1910, 7.3008, 38.4205



55.4180, 66.8419, 27.6974



97.7070, 4.5814, 23.9360



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



77.8500, 18.3150, 99.2326



90.0410, 25.6158, 137.6530



67.9320, -19.6865, 107.9306



88.2610, 0.8573, 5.0331



57.6160, 16.4583, 88.0368



11.3210, 3.2927, 17.2585

Inverse Universe

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



77.8500, 18.3150, 99.2326



90.0410, 25.6158, 137.6530



136.0680, 19.6865, -107.9306



88.2610, 0.8573, 5.0331



57.6160, 16.4583, 88.0368



11.3210, 3.2927, 17.2585

Previews

White Background



This preview shows how the YUV color 77.8500, 18.3150, 99.2326 looks on a white 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

Black Background



This preview shows how the YUV color 77.8500, 18.3150, 99.2326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

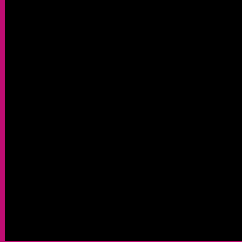
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.8500, 18.3150, 99.2326

Background



This preview shows how black text looks on a background with the YUV color 77.8500, 18.3150, 99.2326.



This preview shows how white text looks on a background with the YUV color 77.8500, 18.3150,

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

77.8500, 18.3150, 99.2326

Protanopia

99.5330, 31.7822, -20.6384

Deuteranopia

102.0160, 2.4571, 5.2480



Tritanopia

88.9740, -20.2002, 85.9688

Trichromacy



Original Color

77.8500, 18.3150, 99.2326



Protanomaly

91.8420, 26.6999, 22.9406



Deuteranomaly

93.1310, 8.3164, 39.3501



Tritanomaly

84.9650, -6.3917, 90.3617

Monochromacy



Original Color

77.8500, 18.3150, 99.2326



Achromatopsia

78.0000, 0.0000, 0.0000



Achromatomaly

77.6530, 6.5801, 36.2613

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8500, 18.3150, 99.2326 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(191, 13, 115)` looks like.

```
.text, #text, p{  
    color:rgb(191, 13, 115)  
}
```

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(191, 13, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 13, 115) }
```

Border

The CSS property to change the border of an element to YUV 77.8500, 18.3150, 99.2326 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(191, 13, 115) }
```


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

```
.border{ border-color:rgb(191, 13, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 13, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 13, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 13, 115); box-shadow:4px 4px 4px 4px rgb(191, 13, 115) }
```

Background

The CSS property to change the background color of an element to YUV 77.8500, 18.3150, 99.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 13, 115) }
```

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

```
.background{ background-color: rgb(191, 13,  
115) }
```

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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