

Converting Colors

YUV(80.0610, 1.4489, 95.5395)

Have a look what the booklet for
YUV(80.0610, 1.4489, 95.5395)
contains.

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Color

**YUV(80.0610, 1.4489,
95.5395)**

Conversions

Conversions Part 1

Format	Color
Hex	BD1853
RGB	189, 24, 83
RGB Percent	74%, 9%, 33%
CMY	0.2588, 0.9059, 0.6745
CMYK	0.00, 0.87, 0.56, 0.26
HSL	339°, 77%, 42%
HSV	339°, 87%, 74%
XYZ	22.8742, 12.0966, 9.3129
YIQ	80.0610, 79.4010, 53.3290

Conversions

Conversions Part 2

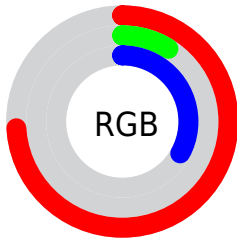
Format	Color
R_{YB}	189, 24, 83
Decimal	12392531
CIE Lab	41.37, 63.73, 10.79
CIE LCh	41, 64.635, 9.613
Yxy	12.0966, 0.5165, 0.2732
Android (android.graphics.Color)	4290582611 (0xFFBD1853)
YUV	80.0610, 1.4489, 95.5395
Hunter-Lab	34.7802, 56.5305, 8.4704

Details

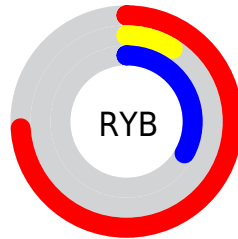
The YUV color **80.0610, 1.4489, 95.5395** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **132.9390, -1.4489, -95.5395**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.5140, -5.6764, 94.2652**, and **43.0170, -1.9804, 75.4071** is the 20% darker color. If you saturate the color by 10%, you get **67.5400, 1.7058, 106.5204**, and if you desaturate by 10%, it is **92.5820, 1.1921, 84.5586**.

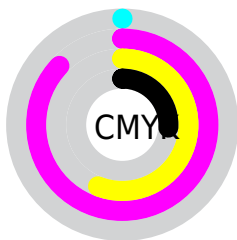
Distribution



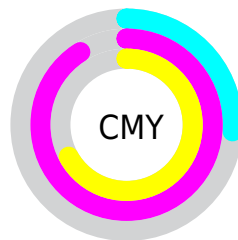
- Red (74%)
- Green (9%)
- Blue (33%)



- Red (74%)
- Yellow (9%)
- Blue (33%)



- Cyan (0%)
- Magenta (87%)
- Yellow (56%)
- Black (26%)





- Cyan (26%)
- Magenta (91%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.0610, 1.4489, 95.5395 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 80.0610, 1.4489, 95.5395 by changing the saturation by 10% instead.


 80.0610, 1.4489,
95.5395

 80.0610, 1.4489,
95.5395


255.0000, 0.0000,
0.0000


 54.3810, 2.7702,
91.7509


 143.5140, -5.6764,
94.2652


 43.0170, -1.9804,
75.4071


 164.6970, -3.3016,
79.1957

 31.7670, -6.2941,
58.9633


 184.7980, 0.0996,
61.5672

 21.5710, -9.1555,
43.3492

 204.4260, 4.2270,
44.3534

 12.0740, -5.4595,
24.4911

 225.2280, 7.7756,
26.1100

 0.0000, 0.0000,
0.0000

 243.8470, 5.4984,

9.7812

■ 80.0610, 1.4489,
95.5395

■ 80.0610, 1.4489,
95.5395

■ 67.5400, 1.7058,
106.5204

■ 92.5820, 1.1921,
84.5586

■ 64.2630, 1.8423,
109.3943

■ 105.1030, 0.9352,
73.5777

■ 117.6240, 0.6784,
62.5968

■ 130.2590, 0.8583,
51.5159

■ 142.7800, 0.6015,
40.5349

■ 154.7140, 0.6340,
30.0688

■ 167.2350, 0.3771,
19.0879

■ 179.7560, 0.1203,
8.1070

■ 192.2770, -0.1366,
-2.8739

Harmonies

Analogous

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



90.9990, 22.1855, 71.0379



80.0610, 1.4489, 95.5395



87.2800, -27.7460, 79.5614

Triad

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



80.0610, 1.4489, 95.5395



77.7040, -38.3081, -33.0664



88.9030, 53.7848, -77.9679

Complementary

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



80.0610, 1.4489, 95.5395



132.9390, -1.4489, -95.5395

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.



88.6630, 37.6341, -77.7575



80.0610, 1.4489, 95.5395



75.8780, -8.8139, -66.5450

Square

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



80.0610, 1.4489, 95.5395



90.3830, -44.5588, 11.9421



83.4360, 15.0681, -73.1734



81.3690, 60.4571, -71.3606

Rectangle

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



80.0610, 1.4489, 95.5395



90.1040, -44.4213, 61.2988



83.4360, 15.0681, -73.1734



89.6380, 48.9855, -78.6125

Sweetspot

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



80.0610, 1.4489, 95.5395



202.7580, 0.6123, 37.0462



74.2050, 56.5939, 48.0552



96.9580, 0.5137, 21.9618



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.



80.0610, 1.4489, 95.5395



83.2870, 2.3235, 141.8223



86.2490, -30.6888, 90.1126



88.0330, -0.0163, 5.2331



53.7400, 1.6072, 91.4360



10.5230, 0.2352, 17.9583

Inverse Universe

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



80.0610, 1.4489, 95.5395



83.2870, 2.3235, 141.8223



126.7510, 30.6888, -90.1126



88.0330, -0.0163, 5.2331



53.7400, 1.6072, 91.4360



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 80.0610, 1.4489, 95.5395 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 80.0610, 1.4489, 95.5395 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 80.0610, 1.4489, 95.5395

Background



This preview shows how black text looks on a background with the YUV color 80.0610, 1.4489, 95.5395.



This preview shows how white text looks on a background with the YUV color 80.0610, 1.4489,

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

80.0610, 1.4489, 95.5395

Protanopia

99.3830, 9.1782, -3.8439

Deuteranopia

98.9990, -11.8315, 14.9099



Tritanopia

83.2520, -21.8162, 90.9870

Trichromacy



Original Color

80.0610, 1.4489, 95.5395

Protanomaly

92.2180, 6.3015, 32.2578

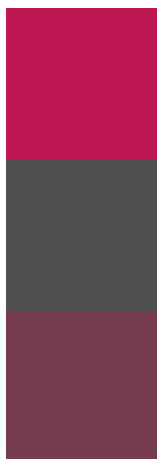
Deuteranomaly

92.1520, -6.9769, 44.5937

Tritanomaly

82.4400, -13.5279, 92.5761

Monochromacy



Original Color

80.0610, 1.4489, 95.5395

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3340, 0.3283, 34.7871

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0610, 1.4489, 95.5395 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, 24, 83)` looks like.

```
.text, #text, p{  
    color:rgb(189, 24, 83)  
}
```

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, 24, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 24, 83) }
```

Border

The CSS property to change the border of an element to YUV 80.0610, 1.4489, 95.5395 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, 24, 83) }
```


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

```
.border{ border-color:rgb(189, 24, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 24, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 24, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 24, 83);  
box-shadow:4px 4px 4px 4px rgb(189, 24,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 80.0610, 1.4489, 95.5395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 24, 83) }
```

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

```
.background{ background-color: rgb(189, 24,  
83) }
```

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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