

Converting Colors

YUV(80.3100, 23.5112, 19.0221)

Have a look what the booklet for
YUV(80.3100, 23.5112, 19.0221)
contains.

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Color

**YUV(80.3100, 23.5112,
19.0221)**

Conversions

Conversions Part 1

Format	Color
Hex	663C80
RGB	102, 60, 128
RGB Percent	40%, 24%, 50%
CMY	0.6000, 0.7647, 0.4980
CMYK	0.20, 0.53, 0.00, 0.50
HSL	277°, 36%, 37%
HSV	277°, 53%, 50%
XYZ	10.9916, 7.6150, 21.3126
YIQ	80.3100, 3.2040, 30.0520

Conversions

Conversions Part 2

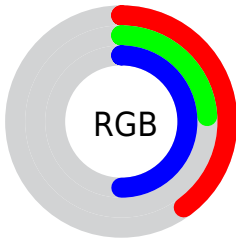
Format	Color
R_{YB}	102, 60, 128
Decimal	6700160
CIE _{Lab}	33.17, 31.67, -31.35
CIE _{LCh}	33, 44.564, 315.289
Yxy	7.6150, 0.2753, 0.1908
Android (android.graphics.Color)	4284890240 (0xFF663C80)
YUV	80.3100, 23.5112, 19.0221
Hunter-Lab	27.5953, 22.8075, -26.4745

Details

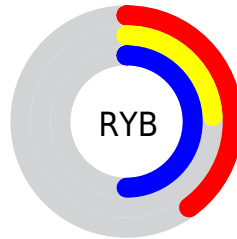
The YUV color **80.3100, 23.5112, 19.0221** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.6900, -23.5112, -19.0221**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9620, 24.6687, 21.0813**, and **32.0710, 22.6430, 17.4777** is the 20% darker color. If you saturate the color by 10%, you get **71.1840, 28.0103, 22.6406**, and if you desaturate by 10%, it is **89.4360, 19.0121, 15.4036**.

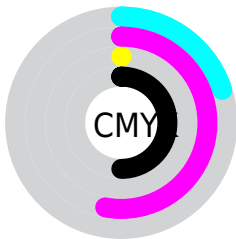
Distribution



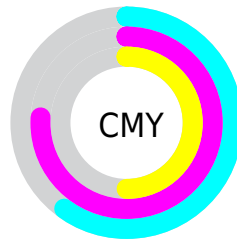
- Red (40%)
- Green (24%)
- Blue (50%)



- Red (40%)
- Yellow (24%)
- Blue (50%)



- Cyan (20%)
- Magenta (53%)
- Yellow (0%)
- Black (50%)



- Cyan (60%)
- Magenta (76%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.3100, 23.5112, 19.0221 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 80.3100, 23.5112, 19.0221 by changing the saturation by 10% instead.

80.3100, 23.5112,
19.0221

80.3100, 23.5112,
19.0221

255.0000, 0.0000,
0.0000

56.4840, 22.9324,
17.9925

130.9620, 24.6687,
21.0813

32.0710, 22.6430,
17.4777

157.4890, 25.3949,
21.4961

15.2400, 19.6017,
12.9445

184.3150, 25.9737,
22.5257

3.7620, 14.4143,
-3.2993

210.8870, 21.7477,
24.6551

0.6840, 2.6208,
-0.5999

232.1070, 11.2862,
20.0772

0.0000, 0.0000,
0.0000

249.1300, 2.8939,

5.1480

■ 80.3100, 23.5112,
19.0221

■ 80.3100, 23.5112,
19.0221

■ 71.1840, 28.0103,
22.6406

■ 89.4360, 19.0121,
15.4036

■ 62.0580, 32.5094,
26.2591

■ 98.5620, 14.5129,
11.7851

■ 53.5190, 36.7191,
29.3628

■ 107.1010, 10.3032,
8.6814

■ 44.3930, 41.2183,
32.9813

■ 116.2270, 5.8041,
5.0629

■ 38.2130, 44.2650,
35.7702

■ 125.0540, 1.4524,
0.8296

■ 134.1800, -3.0467,
-2.7889

■ 143.3060, -7.5459,
-6.4074

■ 151.8450,
-11.7556, -9.5111

■ 160.9710,
-16.2547, -13.1296

Harmonies

Analogous

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



71.7210, 36.6195, -32.2043



80.3100, 23.5112, 19.0221



76.3540, 10.1785, 48.8015

Triad

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



80.3100, 23.5112, 19.0221



73.6810, -36.3247, 30.9748



66.1220, 14.7299, -57.9890

Complementary

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



80.3100, 23.5112, 19.0221



107.6900, -23.5112, -19.0221

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.



61.3170, -1.1423, -53.7750



80.3100, 23.5112, 19.0221



71.4560, -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.



80.3100, 23.5112, 19.0221



74.7600, -22.5597, 49.3225



65.4440, -20.4319, -26.6994



69.1830, 28.9968, -60.6735

Rectangle

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



80.3100, 23.5112, 19.0221



74.2490, -0.6158, 57.6636



65.4440, -20.4319, -26.6994



64.6400, 9.0515, -56.6893

Sweetspot

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



80.3100, 23.5112, 19.0221



147.1610, 9.2876, 7.7518



83.0140, 22.1781, -20.1833



72.8140, 5.5147, 4.5481



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



80.3100, 23.5112, 19.0221



91.5190, 36.7191, 29.3628



87.1720, 16.1842, 35.8062



58.9940, 2.4680, 1.7593



38.2130, 44.2650, 35.7702



0.0000, 0.0000, 0.0000

Inverse Universe

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



83.2960, 1.3331, 39.2054



96.2540, 1.8468, 61.1672



100.8280, -16.1842, -35.8062



59.4350, 0.2785, 4.0035



43.8580, 2.5350, 73.7925



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 80.3100, 23.5112, 19.0221 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 ✓ Pass

Black Background



This preview shows how the YUV color 80.3100, 23.5112, 19.0221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

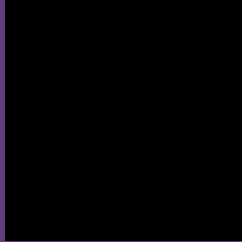
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.3100, 23.5112, 19.0221

Background



This preview shows how black text looks on a background with the YUV color 80.3100, 23.5112, 19.0221.



This preview shows how white text looks on a background with the YUV color 80.3100, 23.5112,

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

80.3100, 23.5112, 19.0221

Protanopia

74.3690, 33.8351, -25.7566

Deuteranopia

75.7690, 23.7779, -19.9684



Tritanopia

79.8490, -0.9116, 12.4104

Trichromacy



Original Color

80.3100, 23.5112, 19.0221

Protanomaly

76.5560, 30.2919, -9.2576

Deuteranomaly

77.1560, 23.5871, -5.3988

Tritanomaly

79.8630, 7.9555, 15.0291

Monochromacy



Original Color

80.3100, 23.5112, 19.0221

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.2210, 8.2720, 6.8222

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.3100, 23.5112, 19.0221 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(102, 60, 128)` looks like.

```
.text, #text, p{  
    color:rgb(102, 60, 128)  
}
```

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(102, 60, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 60, 128) }
```

Border

The CSS property to change the border of an element to YUV 80.3100, 23.5112, 19.0221 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(102, 60, 128) }
```


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

```
.border{ border-color:rgb(102, 60, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 60, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 60, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 60, 128);  
box-shadow:4px 4px 4px 4px rgb(102, 60,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 80.3100, 23.5112, 19.0221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 60, 128) }
```

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

```
.background{ background-color: rgb(102, 60,  
128) }
```

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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