

Converting Colors

YUV(102.8740, 28.1631,
20.2815)

Have a look what the booklet for
YUV(102.8740, 28.1631, 20.2815)
contains.

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Color

**YUV(102.8740, 28.1631,
20.2815)**

Conversions

Conversions Part 1

Format	Color
Hex	7E50A0
RGB	126, 80, 160
RGB Percent	49%, 31%, 63%
CMY	0.5059, 0.6863, 0.3725
CMYK	0.21, 0.50, 0.00, 0.37
HSL	274°, 33%, 47%
HSV	274°, 50%, 63%
XYZ	17.8180, 12.7110, 34.7721
YIQ	102.8740, 1.7360, 34.6320

Conversions

Conversions Part 2

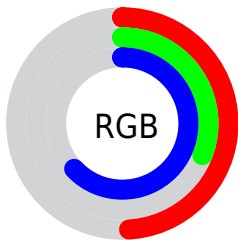
Format	Color
R_{YB}	126, 80, 160
Decimal	8278176
CIE _{Lab}	42.32, 34.76, -36.15
CIE _{LCh}	42, 50.149, 313.882
Yxy	12.7110, 0.2729, 0.1947
Android (android.graphics.Color)	4286468256 (0xFF7E50A0)
YUV	102.8740, 28.1631, 20.2815
Hunter-Lab	35.6525, 26.8169, -32.8691

Details

The YUV color **102.8740, 28.1631, 20.2815** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **137.1260, -28.1631, -20.2815**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2270, 29.4681, 21.7259**, and **53.2220, 27.0056, 18.2223** is the 20% darker color. If you saturate the color by 10%, you get **91.3890, 33.8252, 24.2148**, and if you desaturate by 10%, it is **114.3590, 22.5010, 16.3482**.

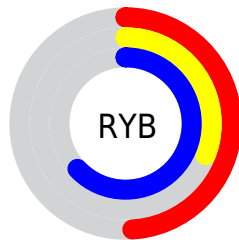
Distribution



Red (49%)

Green (31%)

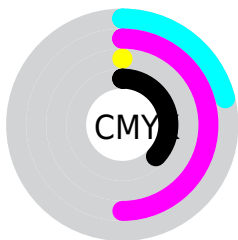
Blue (63%)



Red (49%)

Yellow (31%)

Blue (63%)

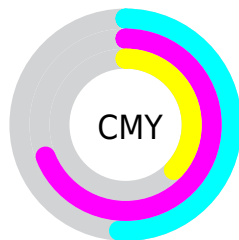


Cyan (21%)

Magenta (50%)

Yellow (0%)

Black (37%)



Cyan (51%)

Magenta (69%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.8740, 28.1631, 20.2815 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 102.8740, 28.1631, 20.2815 by changing the saturation by 10% instead.

102.8740, 28.1631,
20.2815

102.8740, 28.1631,
20.2815

255.0000, 0.0000,
0.0000

78.0480, 27.5843,
19.2519

155.2270, 29.4681,
21.7259

53.2220, 27.0056,
18.2223

182.4660, 30.3363,
23.2703

28.8090, 26.7162,
17.7075

207.9410, 23.2001,
25.4847

14.9130, 22.2279,
10.6003

229.7590, 12.4438,
22.1364

4.8050, 15.8721,
-4.2140

246.7820, 4.0515,
7.2072

2.0690, 5.3890,
-1.8145

0.0000, 0.0000,

0.0000

■ 102.8740, 28.1631,
20.2815

■ 102.8740, 28.1631,
20.2815

■ 91.3890, 33.8252,
24.2148

■ 114.3590, 22.5010,
16.3482

■ 79.9040, 39.4873,
28.1482

■ 125.8440, 16.8389,
12.4148

■ 68.7180, 45.0020,
32.6963

■ 137.0300, 11.3242,
7.8667

■ 57.2330, 50.6641,
36.6297

■ 148.5150, 5.6621,
3.9333

■ 45.7480, 56.3262,
40.5630

■ 160.0000, 0.0000,
0.0000

■ 171.4850, -5.6621,
-3.9333

■ 182.9700,
-11.3242, -7.8667

■ 194.1560,
-16.8389, -12.4148

■ 205.6410,
-22.5010, -16.3482

Harmonies

Analogous

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



92.5120, 43.6246, -39.0370



102.8740, 28.1631, 20.2815



99.2670, 12.1934, 55.8938

Triad

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



102.8740, 28.1631, 20.2815



95.1180, -42.4562, 37.6075



83.4190, 17.5414, -73.1585

Complementary

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



102.8740, 28.1631, 20.2815



137.1260, -28.1631, -20.2815

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.



77.8160, -1.3883, -68.2446



102.8740, 28.1631, 20.2815



91.5460, -45.1322, 9.1682

Square

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



102.8740, 28.1631, 20.2815



96.3160, -25.7918, 59.3589



86.4670, -25.3732, -28.4736



86.4630, 34.2817, -75.8281

Rectangle

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



102.8740, 28.1631, 20.2815



96.7170, -0.3535, 66.9002



86.4670, -25.3732, -28.4736



81.7090, 10.9895, -71.6588

Sweetspot

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



102.8740, 28.1631, 20.2815



186.9160, 10.8874, 7.9667



109.6650, 24.8152, -26.0162



91.4550, 6.6777, 4.8630



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



102.8740, 28.1631, 20.2815



119.7780, 43.9864, 31.7667



112.4700, 20.9673, 41.6838



73.4070, 2.7573, 2.2741



40.8200, 50.3747, 36.1149



4.4010, 5.2253, 4.0333

Inverse Universe

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



107.7960, 3.0586, 45.7829



127.4170, 4.7244, 71.5483



127.5300, -20.9673, -41.6838



73.8480, 0.5679, 4.5183



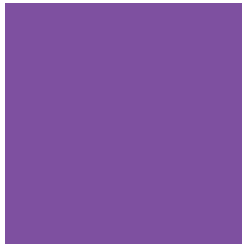
49.7110, 5.5655, 81.8145



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 102.8740, 28.1631, 20.2815 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 102.8740, 28.1631, 20.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

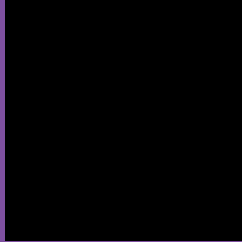
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.8740, 28.1631, 20.2815

Background



This preview shows how black text looks on a background with the YUV color 102.8740, 28.1631, 20.2815.



This preview shows how white text looks on a background with the YUV color 102.8740, 28.1631,

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

102.8740, 28.1631, 20.2815

Protanopia

96.7260, 39.0821, -28.7007

Deuteranopia

97.7130, 28.7355, -23.4273



Tritanopia

101.3760, -0.1854, 12.8252

Trichromacy



Original Color

102.8740, 28.1631, 20.2815

Protanomaly

98.8100, 35.0967, -10.3574

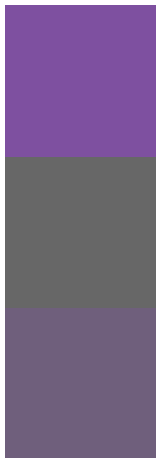
Deuteranomaly

99.6980, 28.2499, -7.6281

Tritanomaly

102.0310, 9.8447, 15.7588

Monochromacy



Original Color

102.8740, 28.1631, 20.2815

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0900, 10.3086, 6.9371

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.8740, 28.1631, 20.2815 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(126, 80, 160)` looks like.

```
.text, #text, p{  
    color:rgb(126, 80, 160)  
}
```

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(126, 80, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 80, 160) }
```

Border

The CSS property to change the border of an element to YUV 102.8740, 28.1631, 20.2815 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(126, 80, 160) }
```


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

```
.border{ border-color:rgb(126, 80, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 80, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 80, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 80, 160);  
box-shadow:4px 4px 4px 4px rgb(126, 80,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 102.8740, 28.1631, 20.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 80, 160) }
```

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

```
.background{ background-color: rgb(126, 80,  
160) }
```

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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