

Converting Colors

YUV(115.8740, 28.1631,
20.2815)

Have a look what the booklet for
YUV(115.8740, 28.1631, 20.2815)
contains.

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Color

**YUV(115.8740, 28.1631,
20.2815)**

Conversions

Conversions Part 1

Format	Color
Hex	8B5DAD
RGB	139, 93, 173
RGB Percent	55%, 36%, 68%
CMY	0.4549, 0.6353, 0.3216
CMYK	0.20, 0.46, 0.00, 0.32
HSL	274°, 33%, 52%
HSV	274°, 46%, 68%
XYZ	22.1046, 16.3348, 41.5231
YIQ	115.8740, 1.7360, 34.6320

Conversions

Conversions Part 2

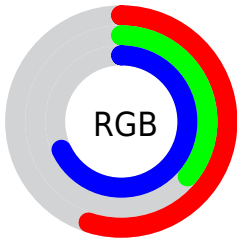
Format	Color
R _Y B	139, 93, 173
Decimal	9133485
CIE Lab	47.41, 34.16, -35.71
CIE LCh	47, 49.414, 313.731
Yxy	16.3348, 0.2764, 0.2043
Android (android.graphics.Color)	4287323565 (0xFF8B5DAD)
YUV	115.8740, 28.1631, 20.2815
Hunter-Lab	40.4163, 26.8972, -32.6221

Details

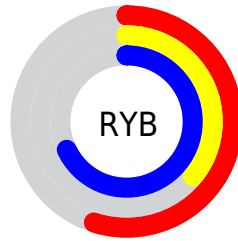
The YUV color **115.8740, 28.1631, 20.2815** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **150.1260, -28.1631, -20.2815**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6400, 29.7575, 22.2407**, and **66.1080, 26.5688, 18.3223** is the 20% darker color. If you saturate the color by 10%, you get **103.8020, 34.1146, 24.7296**, and if you desaturate by 10%, it is **127.9460, 22.2116, 15.8334**.

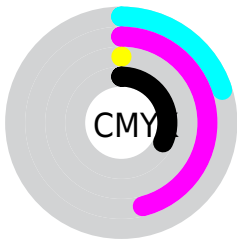
Distribution



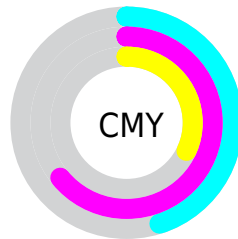
- Red (55%)
- Green (36%)
- Blue (68%)



- Red (55%)
- Yellow (36%)
- Blue (68%)



- Cyan (20%)
- Magenta (46%)
- Yellow (0%)
- Black (32%)



- Cyan (45%)
- Magenta (64%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8740, 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 115.8740, 28.1631, 20.2815 by changing the saturation by 10% instead.

■ 115.8740, 28.1631,
20.2815

■ 115.8740, 28.1631,
20.2815

■ 255.0000, 0.0000,
0.0000

■ 90.9340, 27.1475,
19.3519

■ 168.6400, 29.7575,
22.2407

■ 66.1080, 26.5688,
18.3223

■ 195.8250, 29.1733,
22.9555

■ 41.6950, 26.2794,
17.8075

■ 221.2310, 16.6481,
26.9844

■ 19.1570, 25.5586,
15.6483

■ 238.5640, 8.1029,
14.4144

■ 9.6580, 18.9026,
3.8079

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,

0.0000

■ 115.8740, 28.1631,
20.2815

■ 115.8740, 28.1631,
20.2815

■ 103.8020, 34.1146,
24.7296

■ 127.9460, 22.2116,
15.8334

■ 90.8440, 40.5029,
29.0778

■ 140.9040, 15.8233,
11.4852

■ 78.7720, 46.4544,
33.5260

■ 152.9760, 9.8718,
7.0370

■ 66.7000, 52.4059,
37.9741

■ 165.0480, 3.9203,
2.5889

■ 53.7420, 58.7942,
42.3223

■ 178.0060, -2.4680,
-1.7593

■ 49.3230, 60.9728,
43.5667

■ 190.0780, -8.4195,
-6.2074

■ 202.1500,
-14.3710, -10.6556

■ 214.5210,
-20.4699, -14.4889

■ 227.1800,
-26.7107, -19.4519

Harmonies

Analogous

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



107.3060, 42.7401, -35.3484



115.8740, 28.1631, 20.2815



113.4410, 11.6146, 54.8642

Triad

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



115.8740, 28.1631, 20.2815



108.6990, -40.2776, 38.8520



92.4180, 19.0209, -81.0506

Complementary

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



115.8740, 28.1631, 20.2815



150.1260, -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.



86.9290, 0.5280, -76.2367



115.8740, 28.1631, 20.2815



105.1700, -41.4958, 9.4979

Square

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



115.8740, 28.1631, 20.2815



109.6150, -25.9392, 59.9736



100.0650, -25.6680, -27.2440



95.5760, 36.1980, -83.8202

Rectangle

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



115.8740, 28.1631, 20.2815



111.1900, -1.0797, 66.4854



100.0650, -25.6680, -27.2440



90.8220, 12.9058, -79.6509

Sweetspot

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



115.8740, 28.1631, 20.2815



201.9160, 10.8874, 7.9667



122.6650, 24.8152, -26.0162



98.4550, 6.6777, 4.8630



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



115.8740, 28.1631, 20.2815



136.2510, 43.2603, 31.3519



125.4700, 20.9673, 41.6838



80.5210, 3.1941, 2.1741



43.1130, 52.6953, 38.4889



6.5090, 8.1301, 5.6926

Inverse Universe

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



120.7960, 3.0586, 45.7829



143.7050, 4.5824, 70.4187



140.5300, -20.9673, -41.6838



81.1470, 0.4205, 5.1331



52.1460, 5.8440, 85.8180



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 115.8740, 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 115.8740, 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 115.8740, 28.1631, 20.2815

Background



This preview shows how black text looks on a background with the YUV color 115.8740, 28.1631, 20.2815.

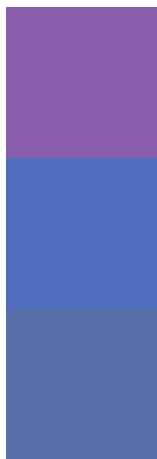


This preview shows how white text looks on a background with the YUV color 115.8740, 28.1631,

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

115.8740, 28.1631, 20.2815

Protanopia

109.9220, 38.4925, -26.2416

Deuteranopia

111.0230, 28.5827, -21.0682



Tritanopia

113.9030, 0.5408, 13.2401

Trichromacy



Original Color

115.8740, 28.1631, 20.2815

Protanomaly

112.1090, 34.9493, -9.7426

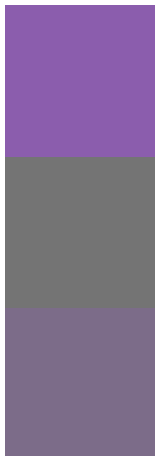
Deuteranomaly

112.7090, 28.2445, -5.8838

Tritanomaly

114.5580, 10.5709, 16.1736

Monochromacy



Original Color

115.8740, 28.1631, 20.2815

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0900, 10.3086, 6.9371

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8740, 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(139, 93, 173)` looks like.

```
.text, #text, p{  
    color:rgb(139, 93, 173)  
}
```

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(139, 93, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 93, 173) }
```

Border

The CSS property to change the border of an element to YUV 115.8740, 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(139, 93, 173) }
```


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

```
.border{ border-color:rgb(139, 93, 173) }
```

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

Here you see how a box with a 4 pixel rgb(139, 93, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 93, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 93, 173);  
box-shadow:4px 4px 4px 4px rgb(139, 93,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 115.8740, 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(139, 93, 173) }
```

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

```
.background{ background-color: rgb(139, 93,  
173) }
```

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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