

Converting Colors

YUV(105.0490, 26.1048,
27.1440)

Have a look what the booklet for
YUV(105.0490, 26.1048, 27.1440)
contains.

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Color

**YUV(105.0490, 26.1048,
27.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	884F9E
RGB	136, 79, 158
RGB Percent	53%, 31%, 62%
CMY	0.4667, 0.6902, 0.3804
CMYK	0.14, 0.50, 0.00, 0.38
HSL	283°, 33%, 46%
HSV	283°, 50%, 62%
XYZ	19.1209, 13.2948, 33.9061
YIQ	105.0490, 8.6130, 36.6530

Conversions

Conversions Part 2

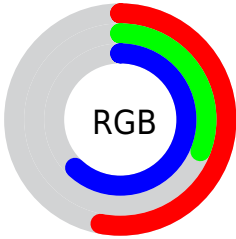
Format	Color
R_{YB}	136, 79, 158
Decimal	8933278
CIE _{Lab}	43.20, 37.78, -33.49
CIE _{LCh}	43, 50.485, 318.450
Yxy	13.2948, 0.2883, 0.2005
Android (android.graphics.Color)	4287123358 (0xFF884F9E)
YUV	105.0490, 26.1048, 27.1440
Hunter-Lab	36.4621, 29.7976, -29.6104

Details

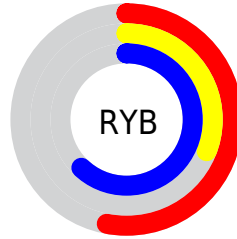
The YUV color **105.0490, 26.1048, 27.1440** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **131.9510, -26.1048, -27.1440**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7010, 27.2624, 29.2032**, and **54.8100, 25.2367, 25.5996** is the 20% darker color. If you saturate the color by 10%, you get **94.4610, 31.3247, 32.9217**, and if you desaturate by 10%, it is **115.6370, 20.8850, 21.3664**.

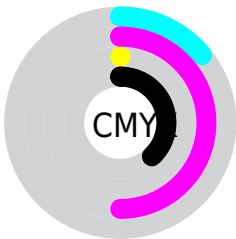
Distribution



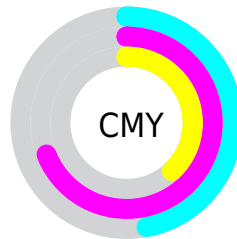
- Red (53%)
- Green (31%)
- Blue (62%)



- Red (53%)
- Yellow (31%)
- Blue (62%)



- Cyan (14%)
- Magenta (50%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (69%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.0490, 26.1048, 27.1440 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 105.0490, 26.1048, 27.1440 by changing the saturation by 10% instead.

105.0490, 26.1048,
27.1440

105.0490, 26.1048,
27.1440

255.0000, 0.0000,
0.0000

80.2230, 25.5261,
26.1144

157.7010, 27.2624,
29.2032

54.8100, 25.2367,
25.5996

185.2280, 27.9886,
29.6180

28.7500, 26.2523,
26.5293

211.2300, 21.5786,
32.2473

17.3760, 20.0276,
16.3332

229.7590, 12.4438,
22.1364

4.1040, 15.7247,
-3.5992

246.7820, 4.0515,
7.2072

1.2540, 4.8048,
-1.0998

0.0000, 0.0000,

0.0000

■ 105.0490, 26.1048,
27.1440

■ 105.0490, 26.1048,
27.1440

■ 94.4610, 31.3247,
32.9217

■ 115.6370, 20.8850,
21.3664

■ 83.5740, 36.6920,
38.0846

■ 126.5240, 15.5177,
16.2035

■ 73.5730, 41.6225,
43.3475

■ 136.5250, 10.5872,
10.9406

■ 62.6860, 46.9898,
48.5104

■ 147.4120, 5.2199,
5.7777

■ 52.0980, 52.2097,
54.2881

■ 158.0000, 0.0000,
0.0000

■ 168.5880, -5.2199,
-5.7777

■ 179.4750,
-10.5872, -10.9406

■ 189.4760,
-15.5177, -16.2035

■ 200.3630,
-20.8850, -21.3664

Harmonies

Analogous

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



98.6060, 41.1132, -26.8415



105.0490, 26.1048, 27.1440



101.1920, 9.2723, 59.4676

Triad

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



105.0490, 26.1048, 27.1440



96.5260, -44.6293, 34.6187



86.0920, 20.1676, -75.5027

Complementary

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



105.0490, 26.1048, 27.1440



131.9510, -26.1048, -27.1440

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.



80.6030, 1.6747, -70.6888



105.0490, 26.1048, 27.1440



93.2680, -43.5161, 4.1500

Square

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



105.0490, 26.1048, 27.1440



98.7950, -28.9859, 57.1848



86.7480, -21.5678, -35.7360



88.5490, 37.1973, -77.6575

Rectangle

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



105.0490, 26.1048, 27.1440



98.6310, -3.2691, 68.7296



86.7480, -21.5678, -35.7360



84.4960, 14.0525, -74.1030

Sweetspot

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



105.0490, 26.1048, 27.1440



186.1120, 10.2978, 10.4258



100.9200, 28.1404, -19.2238



92.0530, 6.3829, 6.0925



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.



105.0490, 26.1048, 27.1440



123.7470, 41.0437, 42.3179



109.6890, 15.4363, 42.3687



73.7060, 2.6099, 2.8888



47.0990, 47.2792, 49.0252



4.9990, 4.9305, 5.2629

Inverse Universe

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



105.1290, -2.0356, 46.3679



123.9520, -3.4273, 72.8331



127.3110, -15.4363, -42.3687



73.6200, -0.3057, 4.7183



47.3170, -3.6073, 83.9140



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 105.0490, 26.1048, 27.1440 looks on a white background.

Color Contrast Check

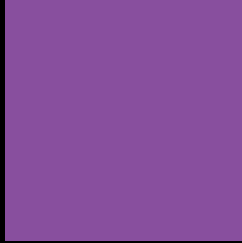
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.0490, 26.1048, 27.1440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

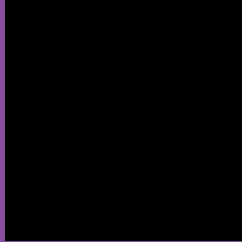
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.0490, 26.1048, 27.1440

Background



This preview shows how black text looks on a background with the YUV color 105.0490, 26.1048, 27.1440.



This preview shows how white text looks on a background with the YUV color 105.0490, 26.1048,

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

105.0490, 26.1048, 27.1440

Protanopia

99.2100, 38.3505, -27.3712

Deuteranopia

101.0510, 26.1039, -19.3387



Tritanopia

103.9640, -1.9543, 20.2026

Trichromacy



Original Color

105.0490, 26.1048, 27.1440

Protanomaly

101.1910, 33.9228, -7.1835

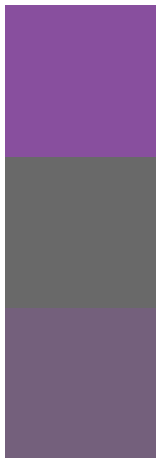
Deuteranomaly

102.7480, 25.7602, -2.4100

Tritanomaly

104.3200, 8.2232, 22.5214

Monochromacy



Original Color

105.0490, 26.1048, 27.1440

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1720, 9.2822, 9.4962

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.0490, 26.1048, 27.1440 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(136, 79, 158)` looks like.

```
.text, #text, p{  
    color:rgb(136, 79, 158)  
}
```

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(136, 79, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 79, 158) }
```

Border

The CSS property to change the border of an element to YUV 105.0490, 26.1048, 27.1440 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(136, 79, 158) }
```


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

```
.border{ border-color:rgb(136, 79, 158) }
```

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

Here you see how a box with a 4 pixel rgb(136, 79, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 79, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 79, 158);  
box-shadow:4px 4px 4px 4px rgb(136, 79,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 105.0490, 26.1048, 27.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 79, 158) }
```

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

```
.background{ background-color: rgb(136, 79,  
158) }
```

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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