

Converting Colors

YUV(108.1380, 37.8930,
26.1890)

Have a look what the booklet for
YUV(108.1380, 37.8930, 26.1890)
contains.

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Color

**YUV(108.1380, 37.8930,
26.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4EB9
RGB	138, 78, 185
RGB Percent	54%, 31%, 73%
CMY	0.4588, 0.6941, 0.2745
CMYK	0.25, 0.58, 0.00, 0.27
HSL	274°, 43%, 52%
HSV	274°, 58%, 73%
XYZ	21.9626, 14.3548, 47.5121
YIQ	108.1380, 1.4130, 45.9970

Conversions

Conversions Part 2

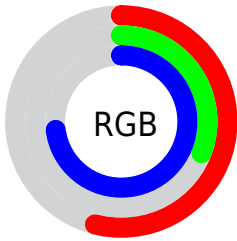
Format	Color
R _Y B	138, 78, 185
Decimal	9064121
CIE Lab	44.74, 45.02, -46.98
CIE LCh	45, 65.068, 313.782
Yxy	14.3548, 0.2620, 0.1712
Android (android.graphics.Color)	4287254201 (0xFF8A4EB9)
YUV	108.1380, 37.8930, 26.1890
Hunter-Lab	37.8878, 37.1683, -47.8296

Details

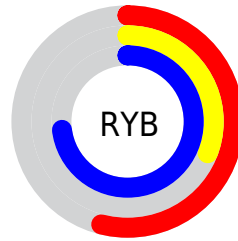
The YUV color $108.1380, 37.8930, 26.1890$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $154.8620, -37.8930, -26.1890$, and the grayscale version is $108.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $161.9040, 39.4873, 28.1482$, and $55.8990, 37.0248, 24.6446$ is the 20% darker color. If you saturate the color by 10%, you get $95.1800, 44.2813, 30.5371$, and if you desaturate by 10%, it is $121.6830, 31.2153, 21.3260$.

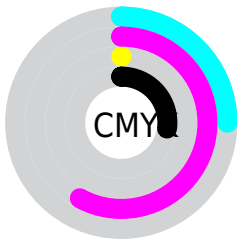
Distribution



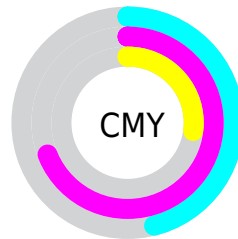
- Red (54%)
- Green (31%)
- Blue (73%)



- Red (54%)
- Yellow (31%)
- Blue (73%)



- Cyan (25%)
- Magenta (58%)
- Yellow (0%)
- Black (27%)



- Cyan (46%)
- Magenta (69%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.1380, 37.8930, 26.1890 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 108.1380, 37.8930, 26.1890 by changing the saturation by 10% instead.

■ 108.1380, 37.8930,
26.1890

■ 108.1380, 37.8930,
26.1890

■ 255.0000, 0.0000,
0.0000

■ 82.3120, 37.3142,
25.1594

■ 161.9040, 39.4873,
28.1482

■ 55.8990, 37.0248,
24.6446

■ 187.3190, 33.3667,
31.2922

■ 29.0130, 37.4616,
24.5446

■ 212.4260, 20.9890,
34.7064

■ 18.5030, 30.8110,
10.9599

■ 229.7590, 12.4438,
22.1364

■ 6.4980, 24.8975,
-5.6987

■ 246.7820, 4.0515,
7.2072

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 108.1380, 37.8930,
26.1890

■ 108.1380, 37.8930,
26.1890

■ 95.1800, 44.2813,
30.5371

■ 121.6830, 31.2153,
21.3260

■ 81.6350, 50.9589,
35.4001

■ 134.6410, 24.8270,
16.9778

■ 68.0900, 57.6366,
40.2631

■ 147.5990, 18.4387,
12.6297

■ 54.8330, 64.1723,
43.9965

■ 161.4430, 11.6136,
8.3815

■ 52.1860, 65.4773,
45.4409

■ 174.9880, 4.9359,
3.5185

■ 187.9460, -1.4524,
-0.8296

■ 201.4910, -8.1301,
-5.6926

■ 214.4490,
-14.5184, -10.0408

■ 227.9940,
-21.1960, -14.9037

Harmonies

Analogous

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



85.2160, 62.5045, -74.7344



108.1380, 37.8930, 26.1890



98.9350, 19.2590, 76.3560

Triad

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



108.1380, 37.8930, 26.1890



99.4520, -49.0298, 46.0846



90.5430, 19.4523, -79.4062

Complementary

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



108.1380, 37.8930, 26.1890



154.8620, -37.8930, -26.1890

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.



83.4580, -5.1558, -73.1927



108.1380, 37.8930, 26.1890



96.5520, -47.6001, 7.4089

Square

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



108.1380, 37.8930, 26.1890



97.3030, -32.6874, 77.7873



83.4040, -36.6812, -41.5733



95.6560, 41.5816, -83.8903

Rectangle

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



108.1380, 37.8930, 26.1890



92.1470, 4.3645, 93.7101



83.4040, -36.6812, -41.5733



88.3770, 11.1531, -77.5066

Sweetspot

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



108.1380, 37.8930, 26.1890



210.5510, 14.5184, 10.0408



118.3740, 32.8466, -35.4080



102.6230, 8.5669, 5.5926



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



108.1380, 37.8930, 26.1890



120.7310, 58.7996, 40.5779



121.6210, 28.7808, 55.5834



85.5210, 3.1941, 2.1741



43.7970, 55.3161, 37.8890



7.9760, 9.8718, 7.0370

Inverse Universe

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



115.3510, 4.7570, 61.0822



131.9560, 7.4167, 94.7546



141.3790, -28.7808, -55.5834



86.1470, 0.4205, 5.1331



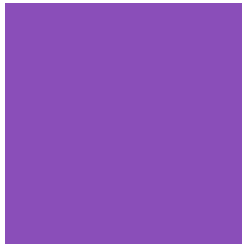
54.3960, 6.7068, 89.1067



9.7400, 1.1142, 16.0140

Previews

White Background



This preview shows how the YUV color 108.1380, 37.8930, 26.1890 looks on a white background.

Color Contrast Check

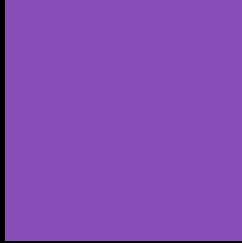
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.1380, 37.8930, 26.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

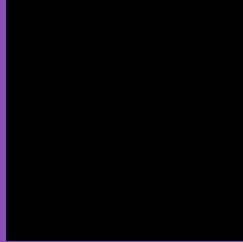
Any Text WCAG AA × Fail

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 108.1380, 37.8930, 26.1890 Background



This preview shows how black text looks on a background with the YUV color 108.1380, 37.8930, 26.1890.



This preview shows how white text looks on a background with the YUV color 108.1380, 37.8930,

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

108.1380, 37.8930, 26.1890

Protanopia

94.8770, 56.7556, -50.7581

Deuteranopia

99.6600, 39.1146, -39.1668



Tritanopia

107.6860, -0.3382, 15.1844

Trichromacy



Original Color

108.1380, 37.8930, 26.1890

Protanomaly

99.6310, 49.9749, -22.4784

Deuteranomaly

102.4010, 38.7493, -15.2607

Tritanomaly

107.6770, 13.4702, 19.5773

Monochromacy



Original Color

108.1380, 37.8930, 26.1890

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0240, 13.7922, 9.6260

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.1380, 37.8930, 26.1890 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(138, 78, 185)` looks like.

```
.text, #text, p{  
    color:rgb(138, 78, 185)  
}
```

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(138, 78, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 78, 185) }
```

Border

The CSS property to change the border of an element to YUV 108.1380, 37.8930, 26.1890 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(138, 78, 185) }
```


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

```
.border{ border-color:rgb(138, 78, 185) }
```

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

Here you see how a box with a 4 pixel rgb(138, 78, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 78, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 78, 185);  
box-shadow:4px 4px 4px 4px rgb(138, 78,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 108.1380, 37.8930, 26.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 78, 185) }
```

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

```
.background{ background-color: rgb(138, 78,  
185) }
```

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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