

Converting Colors

YUV(85.4090, 26.9134, 47.8763)

Have a look what the booklet for
YUV(85.4090, 26.9134, 47.8763)
contains.

YUV(85.4090, 26.9134, 47.8763)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(85.4090, 26.9134,
47.8763)**

Conversions

Conversions Part 1

Format	Color
Hex	8C2F8C
RGB	140, 47, 140
RGB Percent	55%, 18%, 55%
CMY	0.4510, 0.8157, 0.4510
CMYK	0.00, 0.66, 0.00, 0.45
HSL	300°, 50%, 37%
HSV	300°, 66%, 55%
XYZ	16.5654, 9.5019, 25.7719
YIQ	85.4090, 25.5750, 48.6390

Conversions

Conversions Part 2

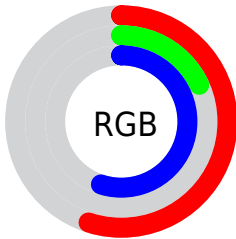
Format	Color
R_{YB}	140, 47, 140
Decimal	9187212
CIE _{Lab}	36.93, 51.13, -32.45
CIE _{LCh}	37, 60.560, 327.598
Yxy	9.5019, 0.3196, 0.1833
Android (android.graphics.Color)	4287377292 (0xFF8C2F8C)
YUV	85.4090, 26.9134, 47.8763
Hunter-Lab	30.8252, 41.9812, -27.9927

Details

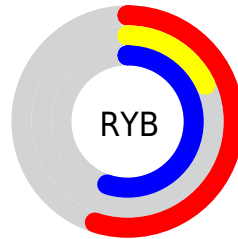
The YUV color **85.4090, 26.9134, 47.8763** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **101.5910, -26.9134, -47.8763**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0070, 26.6185, 49.1059**, and **35.8600, 26.1980, 43.9728** is the 20% darker color. If you saturate the color by 10%, you get **77.1910, 30.9648, 55.0835**, and if you desaturate by 10%, it is **93.6270, 22.8619, 40.6691**.

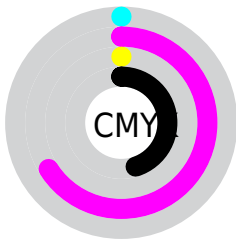
Distribution



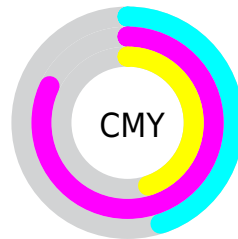
- Red (55%)
- Green (18%)
- Blue (55%)



- Red (55%)
- Yellow (18%)
- Blue (55%)



- Cyan (0%)
- Magenta (66%)
- Yellow (0%)
- Black (45%)



- Cyan (45%)
- Magenta (82%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4090, 26.9134, 47.8763 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 85.4090, 26.9134, 47.8763 by changing the saturation by 10% instead.

85.4090, 26.9134,
47.8763

85.4090, 26.9134,
47.8763

255.0000, 0.0000,
0.0000

55.5880, 28.7971,
50.3503

140.0070, 26.6185,
49.1059

35.8600, 26.1980,
43.9728

167.1320, 27.0499,
50.7502

25.6490, 19.4000,
31.0028

195.5450, 27.3393,
51.2650

16.2640, 13.1808,
19.0625

212.1490, 21.1255,
37.5803

2.9810, 8.8834,
-2.6143

229.1720, 12.7332,
22.6512

0.0000, 0.0000,
0.0000

246.1950, 4.3409,

7.7220

■ 85.4090, 26.9134,
47.8763

■ 85.4090, 26.9134,
47.8763

■ 77.1910, 30.9648,
55.0835

■ 93.6270, 22.8619,
40.6691

■ 68.9730, 35.0163,
62.2907

■ 101.8450, 18.8104,
33.4619

■ 60.7550, 39.0678,
69.4979

■ 110.0630, 14.7589,
26.2547

■ 57.8200, 40.5147,
72.0719

■ 118.2810, 10.7075,
19.0476

■ 126.4990, 6.6560,
11.8404

■ 134.7170, 2.6045,
4.6332

■ 142.9350, -1.4470,
-2.5740

■ 151.1530, -5.4984,
-9.7812

■ 159.3710, -9.5499,
-16.9884

Harmonies

Analogous

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



85.3780, 43.6906, -13.4865



85.4090, 26.9134, 47.8763



70.8130, 10.9382, 85.2330

Triad

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



85.4090, 26.9134, 47.8763



82.1980, -40.5236, 24.3824



78.3300, 25.9663, -68.6954

Complementary

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



85.4090, 26.9134, 47.8763



101.5910, -26.9134, -47.8763

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.



72.0430, 4.4158, -63.1817



85.4090, 26.9134, 47.8763



75.4770, -37.2102, -11.8193

Square

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



85.4090, 26.9134, 47.8763



80.0480, -39.4637, 57.8399



64.3540, -17.4295, -56.4385



80.3140, 43.7222, -70.4354

Rectangle

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



85.4090, 26.9134, 47.8763



70.6980, -4.7811, 87.0879



64.3540, -17.4295, -56.4385



76.5060, 18.9775, -67.0958

Sweetspot

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



85.4090, 26.9134, 47.8763



159.8680, 10.4181, 18.5328



57.6020, 40.6222, -9.2980



79.0860, 6.3666, 11.3256



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



85.4090, 26.9134, 47.8763



95.8850, 41.9617, 74.6459



80.1650, 6.8207, 52.4753



64.8910, 2.0257, 3.6036



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Inverse Universe

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



85.4090, 26.9134, 47.8763



95.8850, 41.9617, 74.6459



106.9490, -6.3839, -52.5753



64.8910, 2.0257, 3.6036



54.9290, 38.4890, 68.4683



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 85.4090, 26.9134, 47.8763 looks on a white background.

Color Contrast Check

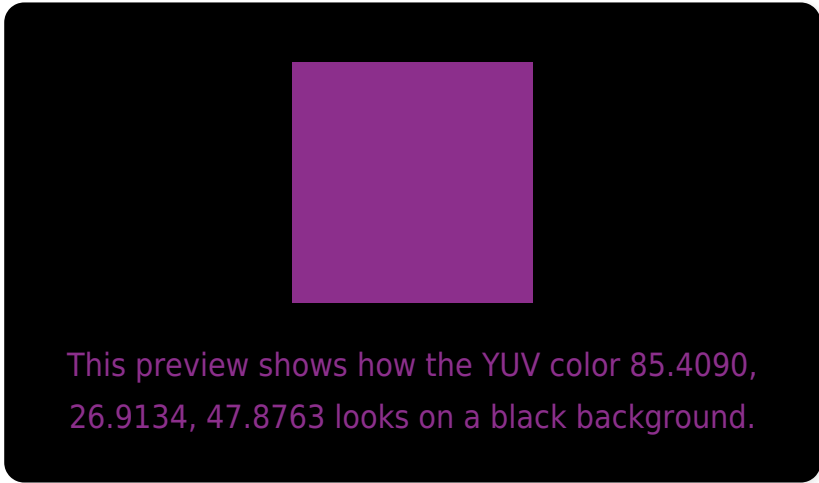
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

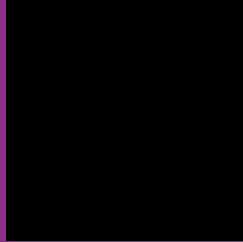
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4090, 26.9134, 47.8763

Background



This preview shows how black text looks on a background with the YUV color 85.4090, 26.9134, 47.8763.



This preview shows how white text looks on a background with the YUV color 85.4090, 26.9134,

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

85.4090, 26.9134, 47.8763

Protanopia

77.9180, 47.8614, -44.6551

Deuteranopia

85.9650, 23.1883, -17.5093



Tritanopia

87.7060, -7.2501, 38.8458

Trichromacy



Original Color

85.4090, 26.9134, 47.8763

Protanomaly

80.4770, 40.1908, -10.9423

Deuteranomaly

85.5750, 24.8595, 6.5117

Tritanomaly

86.6430, 5.1060, 42.4091

Monochromacy



Original Color

85.4090, 26.9134, 47.8763

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0420, 9.8393, 17.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4090, 26.9134, 47.8763 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(140, 47, 140)` looks like.

```
.text, #text, p{  
    color:rgb(140, 47, 140)  
}
```

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(140, 47, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 47, 140) }
```

Border

The CSS property to change the border of an element to YUV 85.4090, 26.9134, 47.8763 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(140, 47, 140) }
```


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

```
.border{ border-color:rgb(140, 47, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 47, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 47, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 47, 140);  
box-shadow:4px 4px 4px 4px rgb(140, 47,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 85.4090, 26.9134, 47.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 47, 140) }
```

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

```
.background{ background-color: rgb(140, 47,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor