

Converting Colors

YUV(107.5740, 33.2410,
24.9296)

Have a look what the booklet for
YUV(107.5740, 33.2410, 24.9296)
contains.

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Color

**YUV(107.5740, 33.2410,
24.9296)**

Conversions

Conversions Part 1

Format	Color
Hex	8850AF
RGB	136, 80, 175
RGB Percent	53%, 31%, 69%
CMY	0.4667, 0.6863, 0.3137
CMYK	0.22, 0.54, 0.00, 0.31
HSL	275°, 37%, 50%
HSV	275°, 54%, 69%
XYZ	20.7599, 14.0667, 42.1784
YIQ	107.5740, 2.8810, 41.4170

Conversions

Conversions Part 2

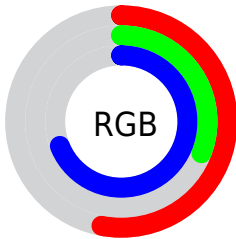
Format	Color
R_{YB}	136, 80, 175
Decimal	8933551
CIE _{Lab}	44.33, 41.08, -41.78
CIE _{LCh}	44, 58.592, 314.515
Yxy	14.0667, 0.2696, 0.1827
Android (android.graphics.Color)	4287123631 (0xFF8850AF)
YUV	107.5740, 33.2410, 24.9296
Hunter-Lab	37.5056, 33.1674, -40.4230

Details

The YUV color **107.5740, 33.2410, 24.9296** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **147.4260, -33.2410, -24.9296**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3400, 34.8354, 26.8888**, and **56.9220, 32.0835, 22.8704** is the 20% darker color. If you saturate the color by 10%, you get **95.5020, 39.1925, 29.3777**, and if you desaturate by 10%, it is **120.2330, 27.0001, 19.9667**.

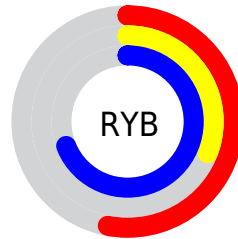
Distribution



Red (53%)

Green (31%)

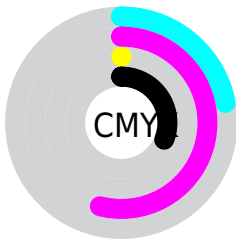
Blue (69%)



Red (53%)

Yellow (31%)

Blue (69%)

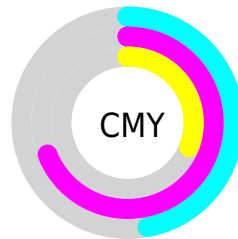


Cyan (22%)

Magenta (54%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (69%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.5740, 33.2410, 24.9296 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 107.5740, 33.2410, 24.9296 by changing the saturation by 10% instead.

107.5740, 33.2410,
24.9296

107.5740, 33.2410,
24.9296

255.0000, 0.0000,
0.0000

81.7480, 32.6622,
23.9000

160.3400, 34.8354,
26.8888

56.9220, 32.0835,
22.8704

187.5960, 33.2302,
28.4183

29.8620, 33.0990,
23.8000

212.1160, 21.1418,
32.3473

17.7760, 26.7324,
12.4744

230.3460, 12.1544,
21.6216

5.5860, 21.4031,
-4.8989

247.3690, 3.7621,
6.6924

3.6650, 11.5042,
-3.2142

0.0000, 0.0000,

0.0000

■ 107.5740, 33.2410,
24.9296

■ 107.5740, 33.2410,
24.9296

■ 95.5020, 39.1925,
29.3777

■ 120.2330, 27.0001,
19.9667

■ 82.8430, 45.4334,
34.3407

■ 132.3050, 21.0486,
15.5185

■ 70.4720, 51.5323,
38.1741

■ 145.2630, 14.6603,
11.1703

■ 57.8130, 57.7732,
43.1370

■ 157.3350, 8.7088,
6.7222

■ 50.7470, 61.2567,
45.8259

■ 169.9940, 2.4680,
1.7593

■ 182.0660, -3.4835,
-2.6889

■ 194.7250, -9.7244,
-7.6518

■ 206.7970,
-15.6759, -12.1000

■ 219.7550,
-22.0642, -16.4481

Harmonies

Analogous

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



92.2310, 53.1301, -54.5766



107.5740, 33.2410, 24.9296



101.4410, 15.0656, 68.0192

Triad

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



107.5740, 33.2410, 24.9296



98.5440, -48.5822, 42.4959



89.1410, 19.1575, -78.1767

Complementary

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



107.5740, 33.2410, 24.9296



147.4260, -33.2410, -24.9296

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.



82.1530, -2.5404, -72.0482



107.5740, 33.2410, 24.9296



95.9650, -47.3107, 7.9237

Square

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



107.5740, 33.2410, 24.9296



99.1170, -30.6237, 69.1804



86.8590, -30.0035, -36.7103



92.9830, 38.9554, -81.5461

Rectangle

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



107.5740, 33.2410, 24.9296



97.5600, 1.2029, 81.0699



86.8590, -30.0035, -36.7103



87.2030, 11.7319, -76.4770

Sweetspot

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



107.5740, 33.2410, 24.9296



201.3830, 12.6292, 9.3111



114.3100, 29.9202, -30.0899



99.3950, 7.6933, 5.7926



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



107.5740, 33.2410, 24.9296



121.8850, 51.8217, 38.6889



118.3230, 23.9978, 49.7057



80.5210, 3.1941, 2.1741



43.7110, 52.4005, 39.7185



6.8080, 7.9827, 6.3074

Inverse Universe

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



112.8510, 3.0315, 54.5047



130.2060, 4.8284, 84.8883



136.6770, -23.9978, -49.7057



81.1470, 0.4205, 5.1331



51.9180, 4.9704, 86.0179



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 107.5740, 33.2410, 24.9296 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 107.5740, 33.2410, 24.9296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

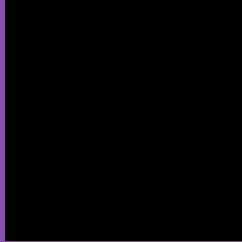
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.5740, 33.2410, 24.9296

Background



This preview shows how black text looks on a background with the YUV color 107.5740, 33.2410, 24.9296.



This preview shows how white text looks on a background with the YUV color 107.5740, 33.2410,

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

107.5740, 33.2410, 24.9296

Protanopia

98.6630, 47.9871, -38.2925

Deuteranopia

100.7490, 34.1407, -30.4749



Tritanopia

106.8710, -0.9224, 15.8991

Trichromacy



Original Color

107.5740, 33.2410, 24.9296

Protanomaly

101.7260, 42.5331, -15.5457

Deuteranomaly

103.1690, 33.9337, -10.6722

Tritanomaly

106.8080, 11.4337, 19.4624

Monochromacy



Original Color

107.5740, 33.2410, 24.9296

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8560, 11.9030, 8.8963

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.5740, 33.2410, 24.9296 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, 80, 175)` looks like.

```
.text, #text, p{  
    color:rgb(136, 80, 175)  
}
```

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, 80, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 80, 175) }
```

Border

The CSS property to change the border of an element to YUV 107.5740, 33.2410, 24.9296 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, 80, 175) }
```


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

```
.border{ border-color:rgb(136, 80, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 80, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 80, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 80, 175);  
box-shadow:4px 4px 4px 4px rgb(136, 80,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 107.5740, 33.2410, 24.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 80, 175) }
```

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

```
.background{ background-color: rgb(136, 80,  
175) }
```

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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