

Converting Colors

YUV(26.9480, 32.5636, 8.8156)

Have a look what the booklet for
YUV(26.9480, 32.5636, 8.8156)
contains.

YUV(26.9480, 32.5636, 8.8156)	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(26.9480, 32.5636,
8.8156)**

Conversions

Conversions Part 1

Format	Color
Hex	25095D
RGB	37, 9, 93
RGB Percent	15%, 4%, 36%
CMY	0.8549, 0.9647, 0.6353
CMYK	0.60, 0.90, 0.00, 0.64
HSL	260°, 82%, 20%
HSV	260°, 90%, 36%
XYZ	2.8364, 1.3790, 10.4726
YIQ	26.9480, -10.2760, 32.0600

Conversions

Conversions Part 2

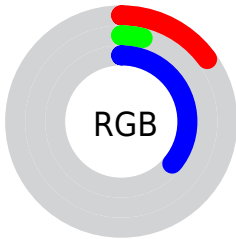
Format	Color
R_{YB}	37, 9, 93
Decimal	2427229
CIE _{Lab}	11.82, 35.19, -43.67
CIE _{LCh}	12, 56.086, 308.857
Yxy	1.3790, 0.1931, 0.0939
Android (android.graphics.Color)	4280617309 (0xFF25095D)
YUV	26.9480, 32.5636, 8.8156
Hunter-Lab	11.7431, 22.5644, -44.6552




Details

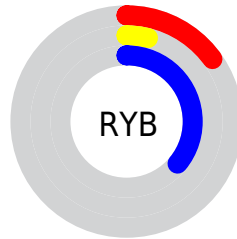
The YUV color **26.9480, 32.5636, 8.8156** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **75.0520, -32.5636, -8.8156**, and the grayscale version is **27.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **76.1980, 33.4264, 12.1044**, and **7.0050, 19.2245, -6.1434** is the 20% darker color. If you saturate the color by 10%, you get **19.8710, 36.0526, 9.7601**, and if you desaturate by 10%, it is **34.0250, 29.0747, 7.8711**.

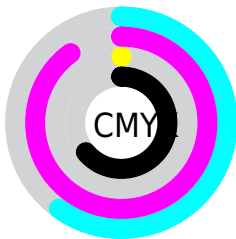
Distribution







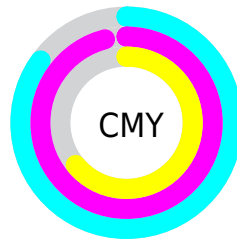
-  Red (15%)
-  Green (4%)
-  Blue (36%)






-  Red (15%)
-  Yellow (4%)
-  Blue (36%)



-  Cyan (60%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (85%)
-  Magenta (96%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.9480, 32.5636, 8.8156 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 26.9480, 32.5636, 8.8156 by changing the saturation by 10% instead.

■ 26.9480, 32.5636,
8.8156

■ 26.9480, 32.5636,
8.8156

■ 246.1950, 4.3409,
7.7220

■ 11.4540, 28.3702,
0.4788

■ 76.1980, 33.4264,
12.1044

■ 7.0050, 19.2245,
-6.1434

■ 101.4370, 34.2946,
13.6488

■ 3.3230, 10.1938,
-2.9143

■ 126.7900, 35.5995,
15.0932


■ 0.0000, 0.0000,
0.0000


■ 153.3170, 36.3257,
15.5080


■ 180.1430, 36.9045,
16.5376


■ 205.2500, 24.5267,


19.9518


 229.1720, 12.7332,
22.6512


 26.9480, 32.5636,
8.8156


 26.9480, 32.5636,
8.8156


 19.8710, 36.0526,
9.7601

 34.0250, 29.0747,
7.8711

 41.6890, 25.2963,
6.4117

 49.0650, 21.6600,
6.0820

 56.1420, 18.1710,
5.1375

 63.2190, 14.6820,
4.1929

■ 70.8830, 10.9037,
2.7336

■ 77.9600, 7.4147,
1.7891

■ 85.3360, 3.7784,
1.4593

■ 93.0000, 0.0000,
0.0000

Harmonies

Analogous

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



33.0850, 37.9191, -29.0155



26.9480, 32.5636, 8.8156



31.0590, 14.2679, 43.7983

Triad

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



26.9480, 32.5636, 8.8156



28.2180, -13.9115, 28.7498



31.7900, 5.0335, -27.8798

Complementary

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



26.9480, 32.5636, 8.8156



75.0520, -32.5636, -8.8156

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.



26.4150, -13.0226, -23.1660



26.9480, 32.5636, 8.8156



28.9280, -14.2615, 0.9401

Square

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



26.9480, 32.5636, 8.8156



24.8170, -12.2348, 51.0265



24.0670, -11.8650, -21.1068



36.1220, 21.6319, -31.6790

Rectangle

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



26.9480, 32.5636, 8.8156



31.1990, 1.8739, 52.4455



24.0670, -11.8650, -21.1068



29.7210, -0.3555, -26.0653

Sweetspot

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



26.9480, 32.5636, 8.8156



94.0510, 12.7929, 3.4633



51.4480, 20.4851, -37.2269



45.9600, 7.4147, 1.7891



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



26.9480, 32.5636, 8.8156



25.6400, 46.5195, 12.5937



39.5060, 26.3725, 34.6362



42.1680, 1.8892, 0.7297



23.6030, 42.5937, 11.7492



50.6390, 91.8760, 24.8726

Inverse Universe

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



40.5000, 12.0785, 46.0425



45.0000, 17.2550, 65.7750



62.4940, -26.3725, -34.6362



42.8370, 0.5734, 2.7740



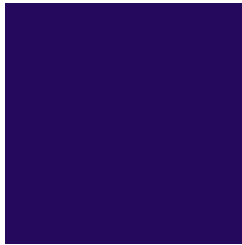
41.2120, 15.6715, 60.3271



88.8750, 34.0786, 129.9056

Previews

White Background



This preview shows how the YUV color 26.9480, 32.5636, 8.8156 looks on a white background.

Color Contrast Check

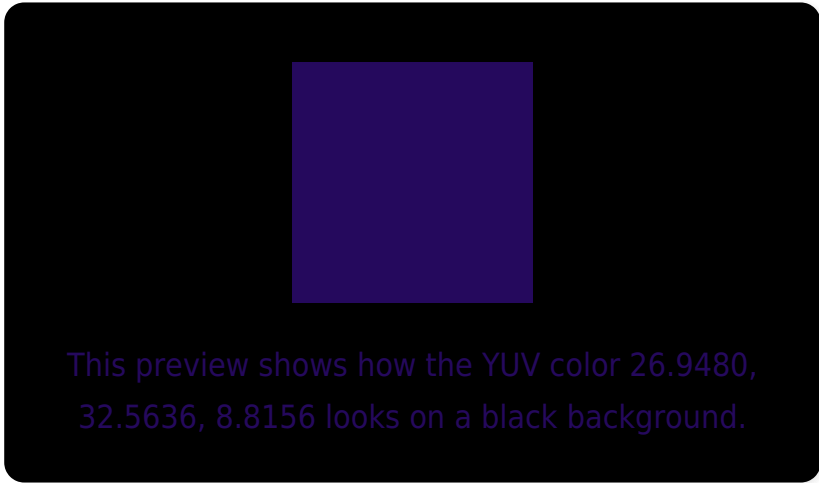
Large Text (above 18pt) WCAG AA ✓ Pass

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

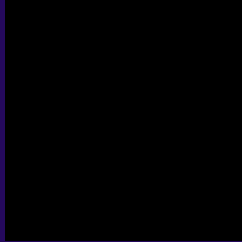
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.9480, 32.5636, 8.8156

Background



This preview shows how black text looks on a background with the YUV color 26.9480, 32.5636, 8.8156.



This preview shows how white text looks on a background with the YUV color 26.9480, 32.5636,

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

26.9480, 32.5636, 8.8156

Protanopia

26.5360, 20.4418, -23.2721

Deuteranopia

26.5700, 15.4950, -23.3019



Tritanopia

29.2690, 5.2904, -16.8989

Trichromacy



Original Color

26.9480, 32.5636, 8.8156

Protanomaly

26.7530, 24.7718, -12.0614

Deuteranomaly

26.6560, 21.8616, -11.9763

Tritanomaly

28.5550, 15.0094, -7.5027

Monochromacy



Original Color

26.9480, 32.5636, 8.8156

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.8230, 11.9193, 3.6632

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.9480, 32.5636, 8.8156 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(37, 9, 93)` looks like.

```
.text, #text, p{  
    color:rgb(37, 9, 93)  
}
```

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(37, 9, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 9, 93) }
```

Border

The CSS property to change the border of an element to YUV 26.9480, 32.5636, 8.8156 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(37, 9, 93) }
```


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

```
.border{ border-color:rgb(37, 9, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 9, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 9, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 9, 93); box-shadow:4px  
4px 4px 4px rgb(37, 9, 93) }
```

Background

The CSS property to change the background color of an element to YUV 26.9480, 32.5636, 8.8156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 9, 93) }
```

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

```
.background{ background-color: rgb(37, 9,  
93) }
```

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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