

Converting Colors

YUV(26.5180, 34.7476, 8.3157)

Have a look what the booklet for
YUV(26.5180, 34.7476, 8.3157)
contains.

YUV(26.5180, 34.7476, 8.3157)	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(26.5180, 34.7476,
8.3157)**

Conversions

Conversions Part 1

Format	Color
Hex	240861
RGB	36, 8, 97
RGB Percent	14%, 3%, 38%
CMY	0.8588, 0.9686, 0.6196
CMYK	0.63, 0.92, 0.00, 0.62
HSL	259°, 85%, 21%
HSV	259°, 92%, 38%
XYZ	2.9721, 1.4118, 11.4251
YIQ	26.5180, -11.8810, 33.6150

Conversions

Conversions Part 2

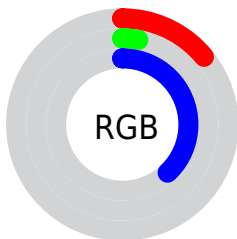
Format	Color
R_{YB}	36, 8, 97
Decimal	2361441
CIE Lab	12.04, 36.68, -46.00
CIE LCh	12, 58.829, 308.570
Yxy	1.4118, 0.1880, 0.0893
Android (android.graphics.Color)	4280551521 (0xFF240861)
YUV	26.5180, 34.7476, 8.3157
Hunter-Lab	11.8819, 23.8553, -48.6932

Details

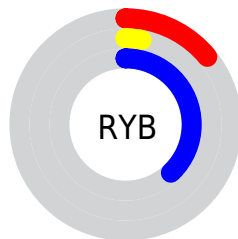
The YUV color **26.5180, 34.7476, 8.3157** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **78.4820, -34.7476, -8.3157**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.1810, 35.8998, 12.1193**, and **6.7600, 20.8243, -5.9285** is the 20% darker color. If you saturate the color by 10%, you get **20.3270, 37.7998, 9.3602**, and if you desaturate by 10%, it is **34.4810, 30.8219, 7.4712**.

Distribution



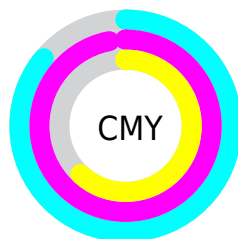
- Red (14%)
- Green (3%)
- Blue (38%)



- Red (14%)
- Yellow (3%)
- Blue (38%)



- Cyan (63%)
- Magenta (92%)
- Yellow (0%)
- Black (62%)



- Cyan (86%)
- Magenta (97%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.5180, 34.7476, 8.3157 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 26.5180, 34.7476, 8.3157 by changing the saturation by 10% instead.

■ 26.5180, 34.7476,
8.3157

■ 26.5180, 34.7476,
8.3157

■ 246.1950, 4.3409,
7.7220

■ 10.7140, 30.7070,
-2.3802

■ 76.1810, 35.8998,
12.1193

■ 6.7600, 20.8243,
-5.9285

■ 101.4200, 36.7679,
13.6637

■ 3.6650, 11.5042,
-3.2142

■ 127.3600, 37.7835,
14.5933


■ 0.0000, 0.0000,
0.0000


■ 154.1860, 38.3623,
15.6229


■ 180.4420, 36.7571,
17.1524


■ 204.9620, 24.6687,


21.0813


 229.1720, 12.7332,
22.6512


 26.5180, 34.7476,
8.3157


 26.5180, 34.7476,
8.3157


 20.3270, 37.7998,
9.3602

 34.4810, 30.8219,
7.4712

 41.5580, 27.3329,
6.5266

 49.5210, 23.4071,
5.6821

 57.4840, 19.4814,
4.8375

 64.5610, 15.9924,
3.8930

■ 72.5240, 12.0667,
3.0485

■ 80.4870, 8.1409,
2.2039

■ 88.1510, 4.3626,
0.7446

■ 95.5270, 0.7262,
0.4148

Harmonies

Analogous

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



34.2420, 39.8137, -30.0302



26.5180, 34.7476, 8.3157



32.1840, 14.6993, 45.4426

Triad

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



26.5180, 34.7476, 8.3157



28.2290, -13.9169, 30.4942



31.9040, 5.4703, -27.9798

Complementary

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



26.5180, 34.7476, 8.3157



78.4820, -34.7476, -8.3157

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



26.5180, 34.7476, 8.3157



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.



26.5180, 34.7476, 8.3157



25.7140, -12.6770, 52.8708



24.6540, -12.1544, -21.6216



37.0510, 22.6529, -32.4937

Rectangle

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



26.5180, 34.7476, 8.3157



32.2100, 1.8685, 54.1898



24.6540, -12.1544, -21.6216



30.1940, -1.0816, -26.4801

Sweetspot

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



26.5180, 34.7476, 8.3157



97.2790, 13.6665, 3.2633



54.5400, 20.9328, -40.8156



46.6010, 8.5777, 2.1039



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



26.5180, 34.7476, 8.3157



25.9110, 48.8509, 11.4791



39.3750, 28.4091, 34.7511



44.7550, 1.5998, 0.2149



23.2330, 43.7621, 10.3197



49.7850, 93.7760, 22.1136

Inverse Universe

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



41.5650, 13.5255, 48.6165



47.1790, 19.1388, 68.2490



65.6250, -28.4091, -34.7511



45.5380, 0.7208, 2.1592



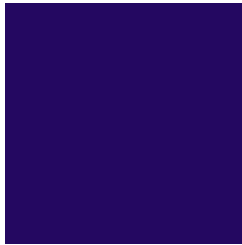
42.2660, 17.1239, 61.1567



90.4560, 36.2572, 131.1501

Previews

White Background



This preview shows how the YUV color 26.5180, 34.7476, 8.3157 looks on a white background.

Color Contrast Check

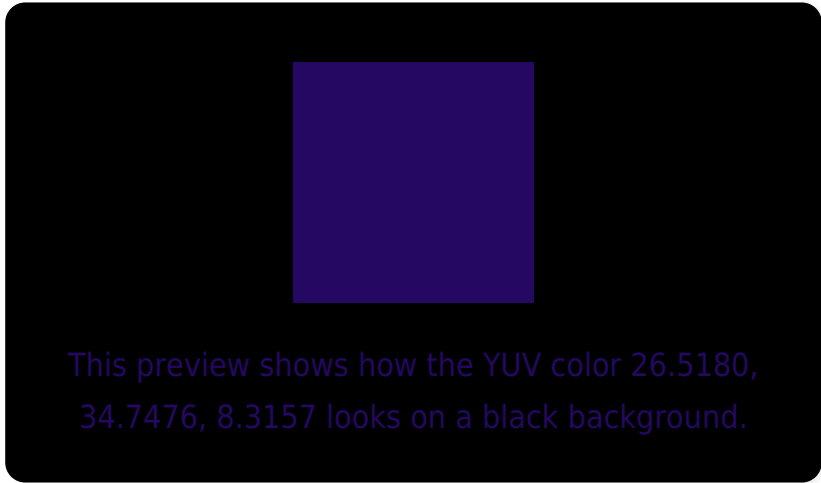
Large Text (above 18pt) WCAG AA ✓ Pass

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

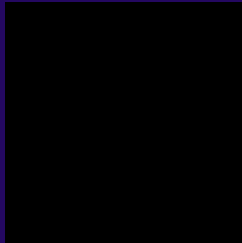
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.5180, 34.7476, 8.3157

Background



This preview shows how black text looks on a background with the YUV color 26.5180, 34.7476, 8.3157.



This preview shows how white text looks on a background with the YUV color 26.5180, 34.7476, 8.3157.

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

26.5180, 34.7476, 8.3157

Protanopia

27.2370, 20.5892, -23.8868

Deuteranopia

27.2710, 15.6424, -23.9167



Tritanopia

26.9800, 6.9119, -23.6615

Trichromacy



Original Color

26.5180, 34.7476, 8.3157

Protanomaly

26.9810, 25.6454, -12.2613

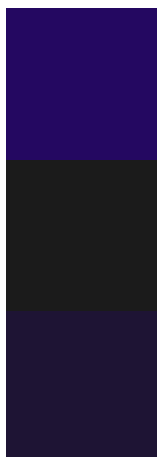
Deuteranomaly

26.8840, 22.7352, -12.1763

Tritanomaly

26.6900, 16.9148, -12.0061

Monochromacy



Original Color

26.5180, 34.7476, 8.3157

Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.6380, 12.5035, 2.9485

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.5180, 34.7476, 8.3157 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(36, 8, 97)` looks like.

```
.text, #text, p{  
    color:rgb(36, 8, 97)  
}
```

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(36, 8, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 8, 97) }
```

Border

The CSS property to change the border of an element to YUV 26.5180, 34.7476, 8.3157 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(36, 8, 97) }
```


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

```
.border{ border-color:rgb(36, 8, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 8, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 8, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 8, 97); box-shadow:4px  
4px 4px 4px rgb(36, 8, 97) }
```

Background

The CSS property to change the background color of an element to YUV 26.5180, 34.7476, 8.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 8, 97) }
```

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

```
.background{ background-color: rgb(36, 8,  
97) }
```

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