

Converting Colors

YUV(33.9720, 26.1428, 14.9336)

Have a look what the booklet for
YUV(33.9720, 26.1428, 14.9336)
contains.

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Color

**YUV(33.9720, 26.1428,
14.9336)**

Conversions

Conversions Part 1

Format	Color
Hex	330F57
RGB	51, 15, 87
RGB Percent	20%, 6%, 34%
CMY	0.8000, 0.9412, 0.6588
CMYK	0.41, 0.83, 0.00, 0.66
HSL	270°, 71%, 20%
HSV	270°, 83%, 34%
XYZ	3.2564, 1.7336, 9.1798
YIQ	33.9720, -1.6560, 30.0240

Conversions

Conversions Part 2

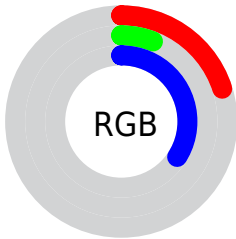
Format	Color
R_{YB}	51, 15, 87
Decimal	3346263
CIE _{Lab}	14.02, 32.99, -35.94
CIE _{LCh}	14, 48.781, 312.551
Yxy	1.7336, 0.2298, 0.1223
Android (android.graphics.Color)	4281536343 (0xFF330F57)
YUV	33.9720, 26.1428, 14.9336
Hunter-Lab	13.1665, 21.1054, -32.1209

Details

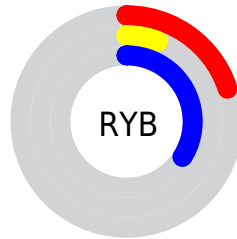
The YUV color **33.9720, 26.1428, 14.9336** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **68.0280, -26.1428, -14.9336**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.6240, 27.3004, 16.9928**, and **4.6740, 17.9087, -4.0991** is the 20% darker color. If you saturate the color by 10%, you get **27.4930, 29.3370, 17.1076**, and if you desaturate by 10%, it is **40.4510, 22.9487, 12.7595**.

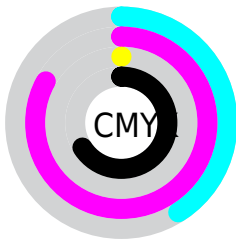
Distribution



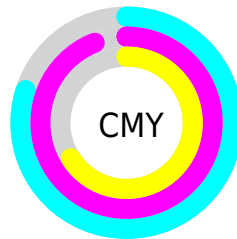
- Red (20%)
- Green (6%)
- Blue (34%)



- Red (20%)
- Yellow (6%)
- Blue (34%)



- Cyan (41%)
- Magenta (83%)
- Yellow (0%)
- Black (66%)



- Cyan (80%)
- Magenta (94%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.9720, 26.1428, 14.9336 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 33.9720, 26.1428, 14.9336 by changing the saturation by 10% instead.

■ 33.9720, 26.1428,
14.9336

■ 33.9720, 26.1428,
14.9336

■ 250.3040, 2.3151,
4.1184

■ 15.2550, 23.5383,
10.3004

■ 82.6240, 27.3004,
16.9928

■ 4.6740, 17.9087,
-4.0991

■ 107.4500, 27.8792,
18.0224

■ 2.6390, 7.5730,
-2.3144

■ 133.3900, 28.8947,
18.9520


■ 0.0000, 0.0000,
0.0000


■ 159.3300, 29.9103,
19.8816


■ 186.7430, 30.1997,
20.3964


■ 212.0610, 21.1689,


23.6255


 233.2810, 10.7075,
19.0476


 33.9720, 26.1428,
14.9336


 33.9720, 26.1428,
14.9336


 27.4930, 29.3370,
17.1076


 40.4510, 22.9487,
12.7595

 23.0740, 31.5155,
18.3521

 46.6420, 19.8965,
11.7150

 53.1210, 16.7023,
9.5409

 59.6000, 13.5082,
7.3668

 65.7910, 10.4560,
6.3223

■ 72.2700, 7.2619,
4.1482

■ 78.7490, 4.0677,
1.9741

■ 85.5270, 0.7262,
0.4148

■ 91.4190, -2.1786,
-1.2445

Harmonies

Analogous

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



32.9880, 35.0089, -28.9305



33.9720, 26.1428, 14.9336



31.6140, 12.5153, 45.9425

Triad

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



33.9720, 26.1428, 14.9336



33.5010, -16.5160, 24.1166



34.4630, 7.6597, -30.2241

Complementary

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



33.9720, 26.1428, 14.9336



68.0280, -26.1428, -14.9336

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.



29.5440, -8.6492, -25.9101



33.9720, 26.1428, 14.9336



32.4610, -16.0033, -0.4043

Square

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



33.9720, 26.1428, 14.9336



24.5180, -12.0874, 50.4117



26.4150, -13.0226, -23.1660



38.1110, 21.6373, -33.4233

Rectangle

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



33.9720, 26.1428, 14.9336



31.1990, 1.8739, 52.4455



26.4150, -13.0226, -23.1660



33.0950, 2.4182, -29.0243

Sweetspot

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



33.9720, 26.1428, 14.9336



91.3780, 10.1666, 5.8075



44.3400, 21.0314, -25.7312



43.6290, 6.0989, 3.8334



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



33.9720, 26.1428, 14.9336



30.3980, 40.2298, 23.3300



44.7360, 20.8362, 37.0655



40.0540, 1.4524, 0.8296



28.3440, 38.7774, 22.5003



61.7730, 85.4009, 48.4341

Inverse Universe

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



40.6320, 5.1114, 40.6647



40.5730, 8.0985, 62.6415



57.2640, -20.8362, -37.0655



40.4240, 0.2840, 2.2592



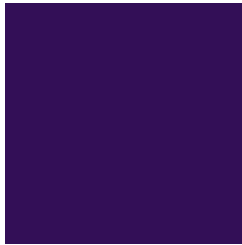
38.1490, 7.8145, 60.3823



83.6030, 16.4647, 132.7752

Previews

White Background



This preview shows how the YUV color 33.9720, 26.1428, 14.9336 looks on a white background.

Color Contrast Check

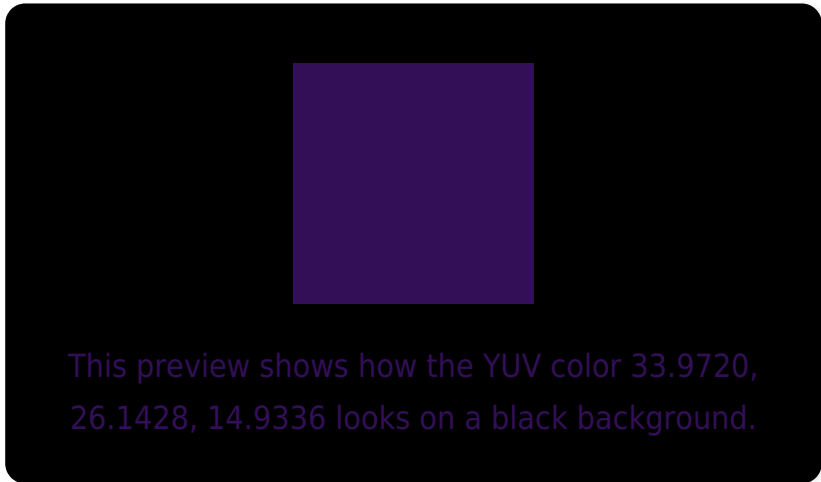
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9720, 26.1428, 14.9336

Background



This preview shows how black text looks on a background with the YUV color 33.9720, 26.1428, 14.9336.



This preview shows how white text looks on a background with the YUV color 33.9720, 26.1428,

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

33.9720, 26.1428, 14.9336

Protanopia

29.7960, 22.7786, -26.1311

Deuteranopia

29.7160, 17.3950, -26.0609



Tritanopia

37.5380, 0.7208, 2.1592

Trichromacy



Original Color

33.9720, 26.1428, 14.9336

Protanomaly

31.2370, 24.0402, -10.7318

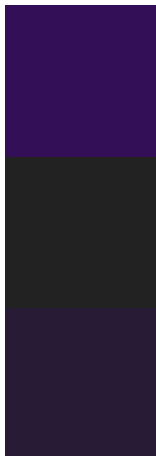
Deuteranomaly

31.6130, 20.4038, -11.0616

Tritanomaly

35.9760, 9.8718, 7.0370

Monochromacy



Original Color

33.9720, 26.1428, 14.9336

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.8510, 9.4405, 5.3927

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.9720, 26.1428, 14.9336 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(51, 15, 87)` looks like.

```
.text, #text, p{  
    color:rgb(51, 15, 87)  
}
```

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(51, 15, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 15, 87) }
```

Border

The CSS property to change the border of an element to YUV 33.9720, 26.1428, 14.9336 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(51, 15, 87) }
```


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

```
.border{ border-color:rgb(51, 15, 87) }
```

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

Here you see how a box with a 4 pixel rgb(51, 15, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 15, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 15, 87);  
box-shadow:4px 4px 4px 4px rgb(51, 15, 87)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.9720, 26.1428, 14.9336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 15, 87) }
```

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

```
.background{ background-color: rgb(51, 15,  
87) }
```

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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