

Converting Colors

YUV(29.7960, 36.5826, 26.4889)

Have a look what the booklet for
YUV(29.7960, 36.5826, 26.4889)
contains.

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Color

**YUV(29.7960, 36.5826,
26.4889)**

Conversions

Conversions Part 1

Format	Color
Hex	3C0068
RGB	60, 0, 104
RGB Percent	24%, 0%, 41%
CMY	0.7647, 1.0000, 0.5922
CMYK	0.42, 1.00, 0.00, 0.59
HSL	275°, 100%, 20%
HSV	275°, 100%, 41%
XYZ	4.3622, 1.9601, 13.2451
YIQ	29.7960, 2.3760, 45.0640

Conversions

Conversions Part 2

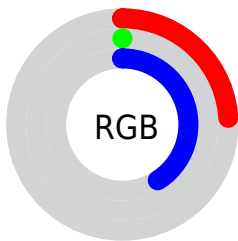
Format	Color
R_{YB}	60, 0, 104
Decimal	3932264
CIE _{Lab}	15.28, 44.20, -45.17
CIE _{LCh}	15, 63.201, 314.379
Yxy	1.9601, 0.2229, 0.1002
Android (android.graphics.Color)	4282122344 (0xFF3C0068)
YUV	29.7960, 36.5826, 26.4889
Hunter-Lab	14.0005, 31.1149, -46.2909

Details

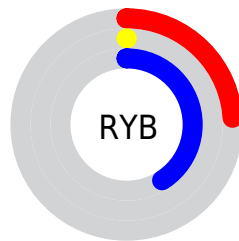
The YUV color **29.7960, 36.5826, 26.4889** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **74.2040, -36.5826, -26.4889**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.8560, 35.5670, 25.5593**, and **6.9820, 24.1659, -4.3692** is the 20% darker color. If you saturate the color by 10%, you get **29.7960, 36.5826, 26.4889**, and if you desaturate by 10%, it is **36.8620, 33.0990, 23.8000**.

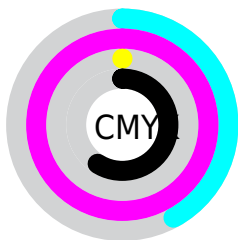
Distribution



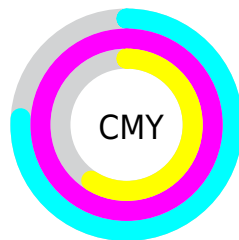
- Red (24%)
- Green (0%)
- Blue (41%)



- Red (24%)
- Yellow (0%)
- Blue (41%)



- Cyan (42%)
- Magenta (100%)
- Yellow (0%)
- Black (59%)



- Cyan (76%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.7960, 36.5826, 26.4889 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 29.7960, 36.5826, 26.4889 by changing the saturation by 10% instead.

■ 29.7960, 36.5826,
26.4889

■ 29.7960, 36.5826,
26.4889

■ 247.9560, 3.4727,
6.1776

■ 19.1720, 29.4952,
13.0042

■ 83.8560, 35.5670,
25.5593

■ 6.9820, 24.1659,
-4.3692

■ 109.6820, 36.1458,
26.5889

■ 4.9360, 13.8356,
-4.3289

■ 135.9210, 37.0139,
28.1333

■ 0.6840, 2.6208,
-0.5999

■ 162.8610, 38.0295,
29.0629

■ 0.0000, 0.0000,
0.0000

■ 189.0910, 32.4931,
31.4922

■ 214.1980, 20.1154,

34.9064

■ 230.9330, 11.8650,
21.1068

■ 29.7960, 36.5826,
26.4889

■ 36.8620, 33.0990,
23.8000

■ 44.8140, 29.1787,
21.2111

■ 51.8800, 25.6952,
18.5222

■ 59.8320, 21.7748,
15.9333

■ 66.8980, 18.2913,
13.2445

■ 73.9640, 14.8077,
10.5556

■ 81.9160, 10.8874,
7.9667

■ 88.9820, 7.4039,
5.2778

■ 96.9340, 3.4835,
2.6889

Harmonies

Analogous

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



37.4850, 44.6239, -32.8743



29.7960, 36.5826, 26.4889



37.4950, 13.0670, 55.6939

Triad

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



29.7960, 36.5826, 26.4889



35.8820, -17.6898, 27.2905



39.1250, 10.2914, -34.3126

Complementary

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



29.7960, 36.5826, 26.4889



74.2040, -36.5826, -26.4889

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.



32.2510, -10.9697, -28.2841



29.7960, 36.5826, 26.4889



33.6130, -16.5712, -4.9226

Square

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



29.7960, 36.5826, 26.4889



28.4050, -14.0037, 58.4038



29.3500, -14.4695, -25.7399



43.3260, 28.9263, -37.9969

Rectangle

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



29.7960, 36.5826, 26.4889



36.4670, -1.2162, 63.6114



29.3500, -14.4695, -25.7399



36.7140, 3.5920, -32.1982

Sweetspot

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



29.7960, 36.5826, 26.4889



106.4370, 14.0816, 10.1408



38.2710, 32.4044, -33.5637



51.0360, 8.8563, 6.1074



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



29.7960, 36.5826, 26.4889



38.7120, 47.4700, 34.4556



42.1540, 27.0391, 54.2389



47.4670, 1.7418, 1.3444



32.8440, 40.5029, 29.0778



69.4480, 85.0681, 61.8741

Inverse Universe

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



36.1120, 3.8888, 59.5378



46.8630, 4.9975, 77.2961



61.8460, -27.0391, -54.2389



47.7230, 0.1366, 2.8739



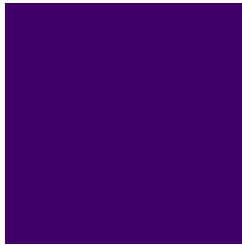
39.9710, 4.4513, 65.8004



83.9860, 8.8809, 138.5783

Previews

White Background



This preview shows how the YUV color 29.7960, 36.5826, 26.4889 looks on a white background.

Color Contrast Check

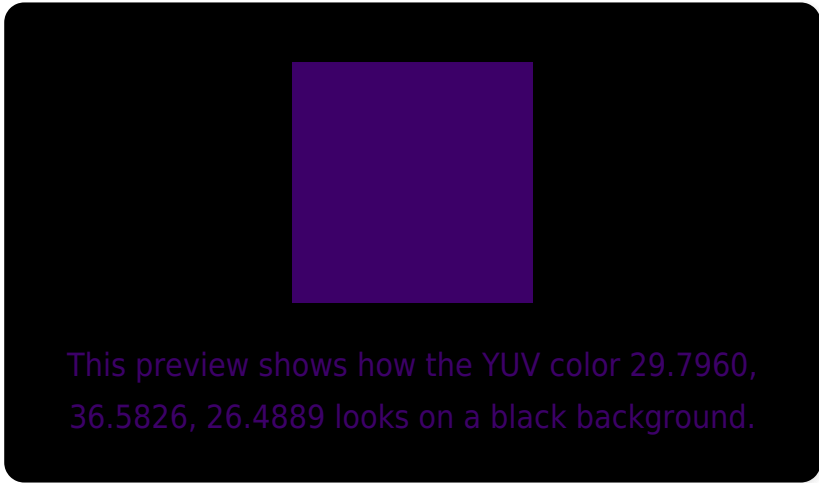
Large Text (above 18pt) WCAG AA ✓ Pass

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

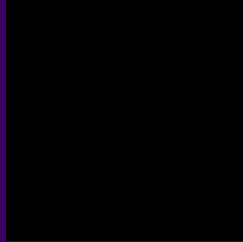
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.7960, 36.5826, 26.4889

Background



This preview shows how black text looks on a background with the YUV color 29.7960, 36.5826, 26.4889.



This preview shows how white text looks on a background with the YUV color 29.7960, 36.5826,

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



Protanopia

33.8710, 25.6996, -29.7049

Deuteranopia

34.2640, 19.5898, -30.0495

Tritanopia

43.1360, 0.4260, 3.3887

Trichromacy



Protanomaly

32.4420, 29.8551, -9.1576

Deuteranomaly

32.7040, 25.7819, -9.3874

Tritanomaly

38.3340, 13.6393, 11.9851

Monochromacy



Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9100, 13.3554, 9.7259

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.7960, 36.5826, 26.4889 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(60, 0, 104)` looks like.

```
.text, #text, p{  
    color:rgb(60, 0, 104)  
}
```

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(60, 0, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 0, 104) }
```

Border

The CSS property to change the border of an element to YUV 29.7960, 36.5826, 26.4889 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(60, 0, 104) }
```

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

```
.border{ border-color:rgb(60, 0, 104) }
```

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

Here you see how a box with a 4 pixel rgb(60, 0, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 0, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 0, 104);  
box-shadow:4px 4px 4px 4px rgb(60, 0, 104)  
}
```


Background

The CSS property to change the background color of an element to YUV 29.7960, 36.5826, 26.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 0, 104) }
```

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

```
.background{ background-color: rgb(60, 0,  
104) }
```

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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