

Converting Colors

YUV(36.0270, 79.8527, 7.8693)

Have a look what the booklet for
YUV(36.0270, 79.8527, 7.8693)
contains.

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Color

**YUV(36.0270, 79.8527,
7.8693)**

Conversions

Conversions Part 1

Format	Color
Hex	2D00C6
RGB	45, 0, 198
RGB Percent	18%, 0%, 78%
CMY	0.8235, 1.0000, 0.2235
CMYK	0.77, 1.00, 0.00, 0.22
HSL	254°, 100%, 39%
HSV	254°, 100%, 78%
XYZ	11.2752, 4.6351, 53.7265
YIQ	36.0270, -36.7380, 71.1180

Conversions

Conversions Part 2

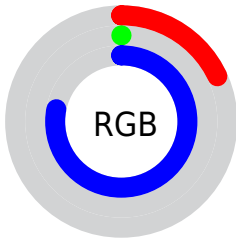
Format	Color
R_{YB}	45, 0, 198
Decimal	2949318
CIE _{Lab}	25.67, 66.07, -86.20
CIE _{LCh}	26, 108.608, 307.470
Yxy	4.6351, 0.1619, 0.0666
Android (android.graphics.Color)	4281139398 (0xFF2D00C6)
YUV	36.0270, 79.8527, 7.8693
Hunter-Lab	21.5293, 55.8070, -132.8880

Details

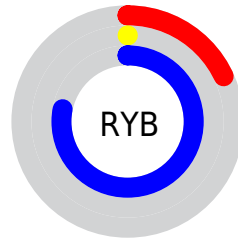
The YUV color **36.0270, 79.8527, 7.8693** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **161.9730, -79.8527, -7.8693**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.8060, 75.0316, 14.2021**, and **16.1880, 62.0253, -14.1969** is the 20% darker color. If you saturate the color by 10%, you get **36.0270, 79.8527, 7.8693**, and if you desaturate by 10%, it is **52.2520, 71.8538, 6.7950**.

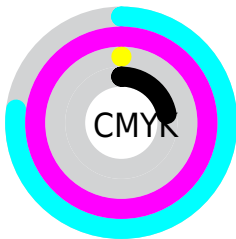
Distribution



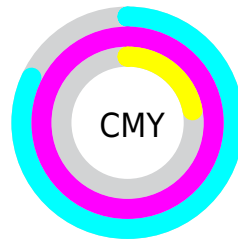
- Red (18%)
- Green (0%)
- Blue (78%)



- Red (18%)
- Yellow (0%)
- Blue (78%)



- Cyan (77%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (82%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.0270, 79.8527, 7.8693 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 36.0270, 79.8527, 7.8693 by changing the saturation by 10% instead.

■ 36.0270, 79.8527,
7.8693

■ 36.0270, 79.8527,
7.8693

■ 255.0000, 0.0000,
0.0000

■ 19.3800, 74.2557,
-16.9963

■ 102.8060, 75.0316,
14.2021

■ 16.1880, 62.0253,
-14.1969

■ 128.2230, 62.5011,
19.9754

■ 13.2240, 50.6686,
-11.5974

■ 152.7540, 50.4073,
25.6487

■ 16.1300, 36.4179,
-14.1460

■ 178.7580, 37.5873,
30.9072

■ 11.5190, 26.3661,
-10.1022

■ 203.8760, 25.2041,
36.0657

■ 6.5490, 17.4773,
-5.7435

■ 223.3020, 15.6271,


■ 2.8670, 8.4466,


27.7991


-2.5144


 240.3250, 7.2348,
12.8700

 0.0000, 0.0000,
0.0000


 36.0270, 79.8527,
7.8693

 52.2520, 71.8538,
6.7950

 68.7760, 63.7074,
6.3354

 84.4140, 55.9979,
5.7759

 100.6390, 47.9990,
4.7016

 117.1630, 39.8526,
4.2420

■ 133.3880, 31.8537,
3.1677

■ 149.6130, 23.8548,
2.0934

■ 165.2510, 16.1453,
1.5339

■ 181.7750, 7.9989,
1.0743

Harmonies

Analogous

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



69.5270, 81.0852, -60.9752



36.0270, 79.8527, 7.8693



63.4000, 30.8618, 88.2262

Triad

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



36.0270, 79.8527, 7.8693



48.2180, -23.7715, 64.7068



59.1290, 10.7824, -51.8561

Complementary

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



36.0270, 79.8527, 7.8693



161.9730, -79.8527, -7.8693

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.



48.1340, -23.7301, -42.2135



36.0270, 79.8527, 7.8693



55.1980, -27.2126, 1.5804

Square

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



36.0270, 79.8527, 7.8693



50.2320, -24.7644, 103.2825



45.7860, -22.5725, -40.1543



69.6510, 46.0211, -61.0839

Rectangle

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



36.0270, 79.8527, 7.8693



63.5230, 4.1792, 106.5353



45.7860, -22.5725, -40.1543



55.2360, -1.5953, -48.4420

Sweetspot

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



36.0270, 79.8527, 7.8693



192.7470, 30.6907, 2.8529



113.5570, 41.6304, -99.5895



90.2340, 18.6186, 1.5488



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



36.0270, 79.8527, 7.8693



46.4120, 102.8339, 10.1627



65.0300, 65.5542, 67.5027



91.6240, 3.6364, 0.3298



29.6450, 65.7440, 6.4503



6.4960, 14.5455, 1.3190

Inverse Universe

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



76.6440, 37.6435, 106.4292



98.7030, 48.4604, 137.0725



132.9700, -65.5542, -67.5027



93.4890, 1.7309, 4.8331



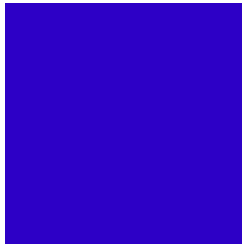
63.1010, 31.0092, 87.6114



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 36.0270, 79.8527, 7.8693 looks on a white background.

Color Contrast Check

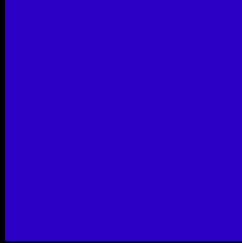
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 36.0270, 79.8527, 7.8693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

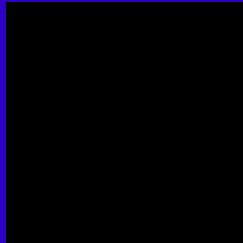
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.0270, 79.8527, 7.8693

Background



This preview shows how black text looks on a background with the YUV color 36.0270, 79.8527, 7.8693.



This preview shows how white text looks on a background with the YUV color 36.0270, 79.8527,

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



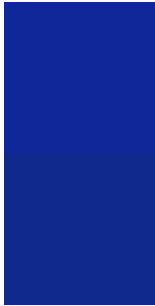
Protanopia

50.3990, 38.2573, -44.1999

Deuteranopia

50.4670, 28.3638, -44.2596

Trichromacy



Protanomaly

45.1190, 53.1853, -25.5374

Deuteranomaly

44.9250, 47.3650, -25.3672

Monochromacy



Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.9920, 29.0909, 2.6380

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.0270, 79.8527, 7.8693 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(45, 0, 198)` looks like.

```
.text, #text, p{  
    color:rgb(45, 0, 198)  
}
```

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(45, 0, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 0, 198) }
```

Border

The CSS property to change the border of an element to YUV 36.0270, 79.8527, 7.8693 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(45, 0, 198) }
```

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

```
.border{ border-color:rgb(45, 0, 198) }
```

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

Here you see how a box with a 4 pixel rgb(45, 0, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 0, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 0, 198);  
box-shadow:4px 4px 4px 4px rgb(45, 0, 198)  
}
```


Background

The CSS property to change the background color of an element to YUV 36.0270, 79.8527, 7.8693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 0, 198) }
```

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

```
.background{ background-color: rgb(45, 0,  
198) }
```

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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