

Converting Colors

YUV(40.4410, 71.7606,
-10.0338)

Have a look what the booklet for
YUV(40.4410, 71.7606, -10.0338)
contains.

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Color

**YUV(40.4410, 71.7606,
-10.0338)**

Conversions

Conversions Part 1

Format	Color
Hex	1D12BA
RGB	29, 18, 186
RGB Percent	11%, 7%, 73%
CMY	0.8863, 0.9294, 0.2706
CMYK	0.84, 0.90, 0.00, 0.27
HSL	244°, 82%, 40%
HSV	244°, 90%, 73%
XYZ	9.5859, 4.2390, 46.7673
YIQ	40.4410, -47.3720, 54.5800

Conversions

Conversions Part 2

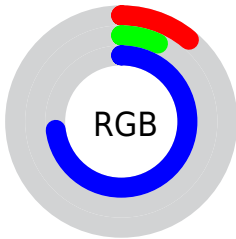
Format	Color
R_{YB}	29, 18, 186
Decimal	1905338
CIE _{Lab}	24.45, 58.40, -81.17
CIE _{LCh}	24, 99.993, 305.736
Yxy	4.2390, 0.1582, 0.0700
Android (android.graphics.Color)	4280095418 (0xFF1D12BA)
YUV	40.4410, 71.7606, -10.0338
Hunter-Lab	20.5888, 47.0772, -120.2646

Details

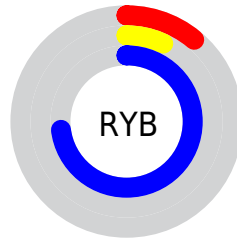
The YUV color **40.4410, 71.7606, -10.0338** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **163.5590, -71.7606, 10.0338**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.7850, 70.1120, 5.4506**, and **14.9340, 57.2205, -13.0971** is the 20% darker color. If you saturate the color by 10%, you get **24.7920, 79.4755, -11.2186**, and if you desaturate by 10%, it is **56.6770, 63.7562, -9.3637**.

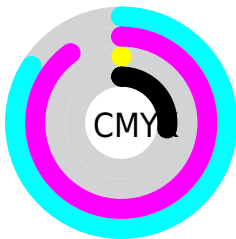
Distribution



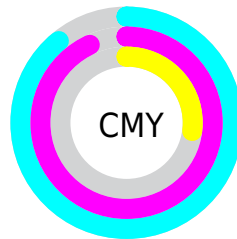
- Red (11%)
- Green (7%)
- Blue (73%)



- Red (11%)
- Yellow (7%)
- Blue (73%)



- Cyan (84%)
- Magenta (90%)
- Yellow (0%)
- Black (27%)



- Cyan (89%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.4410, 71.7606, -10.0338 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 40.4410, 71.7606, -10.0338 by changing the saturation by 10% instead.

■ 40.4410, 71.7606,
-10.0338

■ 40.4410, 71.7606,
-10.0338

■ 255.0000, 0.0000,
0.0000

■ 18.0120, 69.0141,
-15.7965

■ 101.7850, 70.1120,
5.4506

■ 14.9340, 57.2205,
-13.0971

■ 127.2820, 62.9650,
11.1537

■ 11.9700, 45.8638,
-10.4977

■ 151.8130, 50.8712,
16.8270

■ 14.8760, 31.6131,
-13.0463

■ 176.6320, 38.6354,
21.3707

■ 9.3190, 23.0137,
-8.1728

■ 201.7500, 26.2523,
26.5293


■ 4.9360, 13.8356,
-4.3289


■ 225.6500, 14.4696,


■ 0.6840, 2.6208,


25.7400


-0.5999


 242.0860, 6.3666,
11.3256


 0.0000, 0.0000,
0.0000


 40.4410, 71.7606,
-10.0338


 40.4410, 71.7606,
-10.0338


 24.7920, 79.4755,
-11.2186

 56.6770, 63.7562,
-9.3637

 72.6250, 55.8939,
-7.5641

 88.8610, 47.8895,
-6.8941

 104.8090, 40.0272,
-5.0945

 121.0450, 32.0228,
-4.4245

■ 137.2810, 24.0185,
-3.7544

■ 153.2290, 16.1561,
-1.9548

■ 169.4650, 8.1518,
-1.2848

■ 185.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



65.8280, 74.5278, -57.7312



40.4410, 71.7606, -10.0338



58.7580, 31.1783, 80.0192

Triad

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



40.4410, 71.7606, -10.0338



45.8480, -22.6031, 63.2773



55.1680, 8.2982, -48.3823

Complementary

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



40.4410, 71.7606, -10.0338



163.5590, -71.7606, 10.0338

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.



45.7860, -22.5725, -40.1543



40.4410, 71.7606, -10.0338



53.4480, -26.3499, 4.8691

Square

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



40.4410, 71.7606, -10.0338



47.5410, -23.4377, 97.7495



43.4380, -21.4149, -38.0951



65.5930, 40.6267, -57.5251

Rectangle

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



40.4410, 71.7606, -10.0338



59.7500, 6.5323, 98.4433



43.4380, -21.4149, -38.0951



52.0900, -3.4954, -45.6829

Sweetspot

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



40.4410, 71.7606, -10.0338



185.6060, 27.8022, -4.0395



131.0720, 27.0795, -99.1641



88.3430, 16.5929, -2.0548



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



40.4410, 71.7606, -10.0338



32.3720, 103.3466, -14.3582



64.6600, 59.8206, 39.7632



84.0260, 3.9312, -0.8998



20.7740, 66.6664, -9.4488



3.7900, 11.9355, -1.5698

Inverse Universe

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



86.1300, 43.8129, 87.5860



98.1220, 63.0439, 126.1810



139.3400, -59.8206, -39.7632



86.6030, 2.1677, 4.7332



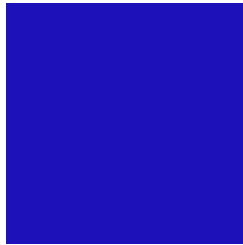
63.1740, 40.3402, 81.4084



11.3360, 7.2294, 14.6143

Previews

White Background



This preview shows how the YUV color 40.4410, 71.7606, -10.0338 looks on a white background.

Color Contrast Check

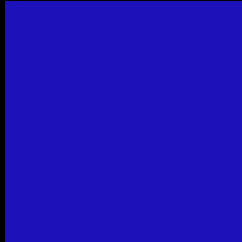
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4410, 71.7606, -10.0338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

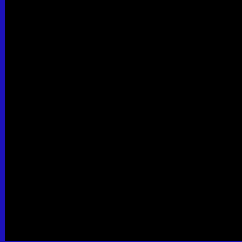
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.4410, 71.7606, -10.0338

Background



This preview shows how black text looks on a background with the YUV color 40.4410, 71.7606, -10.0338.



This preview shows how white text looks on a background with the YUV color 40.4410, 71.7606,

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

40.4410, 71.7606, -10.0338

Protanopia

47.0250, 35.4837, -41.2409

Deuteranopia

47.3210, 26.4637, -41.5005



Tritanopia

46.6080, 11.0393, -40.8752

Trichromacy



Original Color

40.4410, 71.7606, -10.0338

Protanomaly

44.8320, 48.3968, -29.6707

Deuteranomaly

44.7520, 43.0133, -29.6005

Tritanomaly

44.8200, 33.1197, -29.6601

Monochromacy



Original Color

40.4410, 71.7606, -10.0338

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.1500, 26.0551, -3.6395

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.4410, 71.7606, -10.0338 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(29, 18, 186)` looks like.

```
.text, #text, p{  
    color:rgb(29, 18, 186)  
}
```

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(29, 18, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 18, 186) }
```

Border

The CSS property to change the border of an element to YUV 40.4410, 71.7606, -10.0338 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(29, 18, 186) }
```


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

```
.border{ border-color:rgb(29, 18, 186) }
```

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

Here you see how a box with a 4 pixel rgb(29, 18, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 18, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 18, 186);  
box-shadow:4px 4px 4px 4px rgb(29, 18,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 40.4410, 71.7606, -10.0338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 18, 186) }
```

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

```
.background{ background-color: rgb(29, 18,  
186) }
```

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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