

Converting Colors

YUV(46.7690, 40.5399,
-29.6154)

Have a look what the booklet for
YUV(46.7690, 40.5399, -29.6154)
contains.

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Color

**YUV(46.7690, 40.5399,
-29.6154)**

Conversions

Conversions Part 1

Format	Color
Hex	0D3081
RGB	13, 48, 129
RGB Percent	5%, 19%, 51%
CMY	0.9490, 0.8118, 0.4941
CMYK	0.90, 0.63, 0.00, 0.49
HSL	222°, 82%, 28%
HSV	222°, 90%, 51%
XYZ	5.1854, 3.7844, 21.2261
YIQ	46.7690, -46.8610, 17.7710

Conversions

Conversions Part 2

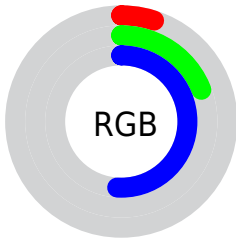
Format	Color
R_{YB}	13, 40, 129
Decimal	864385
CIE _{Lab}	22.95, 21.77, -48.82
CIE _{LCh}	23, 53.451, 294.029
Yxy	3.7844, 0.1717, 0.1253
Android (android.graphics.Color)	4279054465 (0xFF0D3081)
YUV	46.7690, 40.5399, -29.6154
Hunter-Lab	19.4537, 13.5353, -51.0742

Details

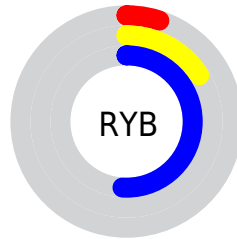
The YUV color **46.7690, 40.5399, -29.6154** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **95.2310, -40.5399, 29.6154**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.5580, 40.6439, -16.2754**, and **10.7670, 33.6389, -9.4427** is the 20% darker color. If you saturate the color by 10%, you get **37.5990, 45.0607, -32.9743**, and if you desaturate by 10%, it is **55.9390, 36.0191, -26.2565**.

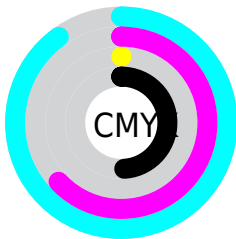
Distribution



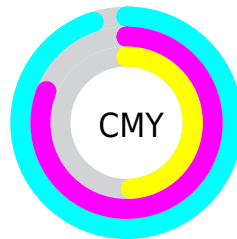
- Red (5%)
- Green (19%)
- Blue (51%)



- Red (5%)
- Yellow (16%)
- Blue (51%)



- Cyan (90%)
- Magenta (63%)
- Yellow (0%)
- Black (49%)



- Cyan (95%)
- Magenta (81%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.7690, 40.5399, -29.6154 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 46.7690, 40.5399, -29.6154 by changing the saturation by 10% instead.

■ 46.7690, 40.5399,
-29.6154

■ 46.7690, 40.5399,
-29.6154

■ 255.0000, 0.0000,
0.0000

■ 28.1780, 36.8872,
-24.7121

■ 100.5580, 40.6439,
-16.2754

■ 10.7670, 33.6389,
-9.4427

■ 126.2100, 41.8015,
-14.2162

■ 9.2050, 22.5769,
-8.0728

■ 153.0360, 42.3803,
-13.1866

■ 4.9360, 13.8356,
-4.3289

■ 178.7930, 37.5701,
-10.3425

■ 0.5700, 2.1840,
-0.4999

■ 203.0140, 25.6291,
-7.0283

■ 0.0000, 0.0000,
0.0000

■ 228.4200, 13.1039,

-2.9993

254.1140, 0.4368,
-0.1000

■ 46.7690, 40.5399,
-29.6154

■ 46.7690, 40.5399,
-29.6154

■ 37.5990, 45.0607,
-32.9743

■ 55.9390, 36.0191,
-26.2565

■ 65.1090, 31.4983,
-22.8976

■ 74.2790, 26.9775,
-19.5387

■ 83.4490, 22.4566,
-16.1798

■ 92.6190, 17.9358,
-12.8209

■ 101.4900, 13.5624,
-10.0767

■ 110.6600, 9.0416,
-6.7178

■ 119.8300, 4.5208,
-3.3589

■ 129.0000, 0.0000,
0.0000

Harmonies

Analogous

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



52.4850, 41.1729, -46.0293



46.7690, 40.5399, -29.6154



51.1750, 25.0567, 36.6805

Triad

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



46.7690, 40.5399, -29.6154



48.4070, -23.8647, 47.8781



46.2200, -0.6015, -40.5349

Complementary

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



46.7690, 40.5399, -29.6154



95.2310, -40.5399, 29.6154

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.



39.9160, -19.6786, -35.0063



46.7690, 40.5399, -29.6154



52.3620, -25.8145, 19.8535

Square

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



46.7690, 40.5399, -29.6154



38.8440, -6.3321, 71.1738



47.4570, -23.3963, -9.1708



51.4810, 17.0179, -45.1488

Rectangle

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



46.7690, 40.5399, -29.6154



42.6790, 17.4133, 61.6715



47.4570, -23.3963, -9.1708



44.0370, -6.4272, -38.6204

Sweetspot

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



46.7690, 40.5399, -29.6154



136.3480, 15.6044, -11.7062



90.0980, 0.9377, -67.6149



64.7740, 9.4784, -6.8178



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



46.7690, 40.5399, -29.6154



49.0890, 58.6231, -43.0511



32.5030, 47.5730, 1.3129



58.9720, 2.4788, -1.7294



36.8980, 44.9133, -32.3595



0.0000, 0.0000, 0.0000

Inverse Universe

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



51.6740, -1.8113, 67.8149



56.0460, -2.4877, 98.1837



109.4970, -47.5730, -1.3129



59.3210, -0.1583, 4.1035



42.6040, -2.2698, 74.8923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 46.7690, 40.5399, -29.6154 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 46.7690, 40.5399, -29.6154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

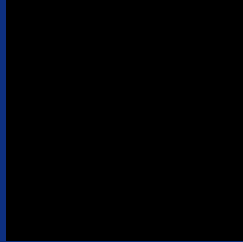
Any Text WCAG AA × Fail

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 46.7690, 40.5399, -29.6154 Background



This preview shows how black text looks on a background with the YUV color 46.7690, 40.5399, -29.6154.



This preview shows how white text looks on a background with the YUV color 46.7690, 40.5399,

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

46.7690, 40.5399, -29.6154

Protanopia

43.8790, 33.5837, -38.4819

Deuteranopia

44.4030, 25.4373, -38.9414



Tritanopia

43.2170, 10.7390, -37.9013

Trichromacy



Original Color

46.7690, 40.5399, -29.6154

Protanomaly

44.8840, 36.0462, -34.9783

Deuteranomaly

45.5050, 30.8100, -35.5229

Tritanomaly

44.3990, 21.4953, -34.5529

Monochromacy



Original Color

46.7690, 40.5399, -29.6154

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.8320, 14.8728, -10.3767

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.7690, 40.5399, -29.6154 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(13, 48, 129)` looks like.

```
.text, #text, p{  
    color:rgb(13, 48, 129)  
}
```

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(13, 48, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 48, 129) }
```

Border

The CSS property to change the border of an element to YUV 46.7690, 40.5399, -29.6154 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(13, 48, 129) }
```


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

```
.border{ border-color:rgb(13, 48, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 48, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 48, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 48, 129);  
box-shadow:4px 4px 4px 4px rgb(13, 48,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 46.7690, 40.5399, -29.6154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 48, 129) }
```

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

```
.background{ background-color: rgb(13, 48,  
129) }
```

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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