

Converting Colors

YUV(69.5440, 18.9588, 79.3299)

Have a look what the booklet for
YUV(69.5440, 18.9588, 79.3299)
contains.

YUV(69.5440, 18.9588, 79.3299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(69.5440, 18.9588,
79.3299)**

Conversions

Conversions Part 1

Format	Color
Hex	A0106C
RGB	160, 16, 108
RGB Percent	63%, 6%, 42%
CMY	0.3725, 0.9373, 0.5765
CMYK	0.00, 0.90, 0.32, 0.37
HSL	322°, 82%, 35%
HSV	322°, 90%, 63%
XYZ	17.3893, 8.9269, 14.9939
YIQ	69.5440, 56.2920, 59.1400

Conversions

Conversions Part 2

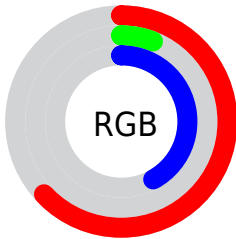
Format	Color
R_{YB}	160, 16, 108
Decimal	10489964
CIE _{Lab}	35.84, 60.39, -13.89
CIE _{LCh}	36, 61.963, 347.042
Yxy	8.9269, 0.4209, 0.2161
Android (android.graphics.Color)	4288680044 (0xFFA0106C)
YUV	69.5440, 18.9588, 79.3299
Hunter-Lab	29.8779, 51.6028, -8.8396

Details

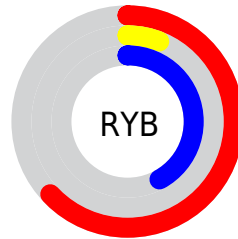
The YUV color **69.5440, 18.9588, 79.3299** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **106.4560, -18.9588, -79.3299**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4420, 13.5861, 75.9114**, and **37.6370, 11.0250, 57.3234** is the 20% darker color. If you saturate the color by 10%, you get **59.4680, 20.9683, 88.1666**, and if you desaturate by 10%, it is **79.6200, 16.9493, 70.4933**.

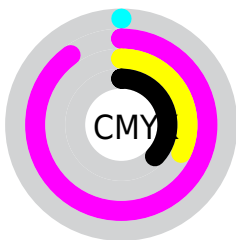
Distribution



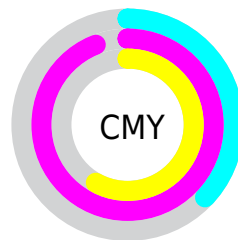
- Red (63%)
- Green (6%)
- Blue (42%)



- Red (63%)
- Yellow (6%)
- Blue (42%)



- Cyan (0%)
- Magenta (90%)
- Yellow (32%)
- Black (37%)





- Cyan (37%)
- Magenta (94%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 69.5440, 18.9588, 79.3299 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 69.5440, 18.9588, 79.3299 by changing the saturation by 10% instead.


 69.5440, 18.9588,
79.3299


 69.5440, 18.9588,
79.3299


255.0000, 0.0000,
0.0000


 48.7450, 17.3807,
72.1376

 132.4420, 13.5861,
75.9114


 37.6370, 11.0250,
57.3234

 160.9260, 12.8545,
77.2409


 27.1700, 5.8322,
42.8239

 182.2340, 15.6606,
63.8158

 16.8880, 0.0552,
29.0392

 202.5630, 19.9354,
45.9872

 0.0000, 0.0000,
0.0000

 220.3670, 17.0741,
30.3731

 237.9770, 8.3923,

14.9292

■ 69.5440, 18.9588,
79.3299

■ 69.5440, 18.9588,
79.3299

■ 59.4680, 20.9683,
88.1666

■ 79.6200, 16.9493,
70.4933

■ 89.6960, 14.9399,
61.6566

■ 99.6580, 12.4936,
52.9199

■ 109.7340, 10.4841,
44.0833

■ 119.8100, 8.4747,
35.2466

■ 129.8860, 6.4652,
26.4100

■ 139.8480, 4.0189,
17.6733

■ 149.9240, 2.0095,
8.8367

■ 160.0000, 0.0000,
0.0000

Harmonies

Analogous

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



85.0200, 33.5141, 30.6775



69.5440, 18.9588, 79.3299



63.1270, -2.0346, 92.8506

Triad

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



69.5440, 18.9588, 79.3299



76.4400, -37.6849, 0.4911



78.9460, 38.4806, -69.2356

Complementary

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



69.5440, 18.9588, 79.3299



106.4560, -18.9588, -79.3299

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.



74.4030, 18.5353, -65.2514



69.5440, 18.9588, 79.3299



58.7000, -28.9391, -51.4799

Square

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



69.5440, 18.9588, 79.3299



79.6170, -39.2512, 36.2929



67.8880, -3.8888, -59.5378



77.6870, 51.4263, -68.1315

Rectangle

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



69.5440, 18.9588, 79.3299



72.9360, -22.6464, 77.2321



67.8880, -3.8888, -59.5378



77.9370, 32.0761, -68.3507

Sweetspot

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



69.5440, 18.9588, 79.3299



173.8480, 7.4699, 30.8283



47.3660, 55.5286, 16.3420



83.5600, 4.1609, 18.8029



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



69.5440, 18.9588, 79.3299



77.7670, 27.7229, 115.0913



61.5640, -11.6171, 86.3284



73.9620, 1.0047, 4.4183



53.1310, 18.6694, 78.8151



5.6250, 2.1569, 8.2219

Inverse Universe

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



69.5440, 18.9588, 79.3299



77.7670, 27.7229, 115.0913



114.4360, 11.6171, -86.3284



73.9620, 1.0047, 4.4183



53.1310, 18.6694, 78.8151



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 69.5440, 18.9588, 79.3299 looks on a white background.

Color Contrast Check

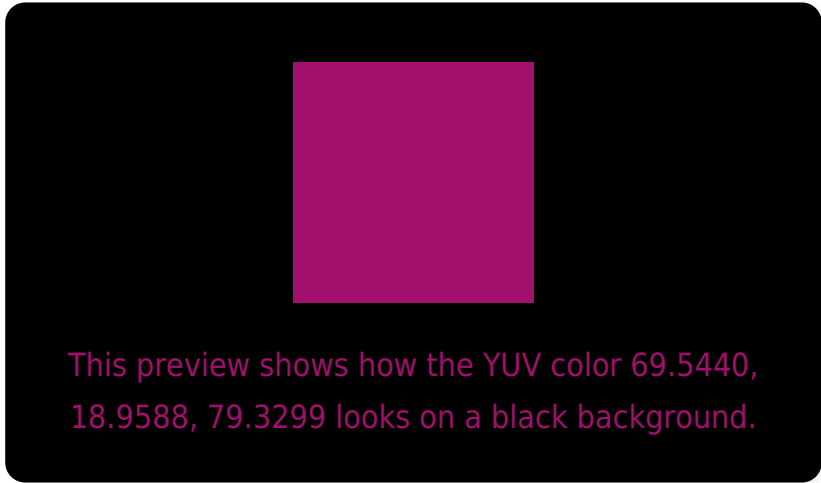
Large Text (above 18pt) WCAG AA ✓ Pass

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

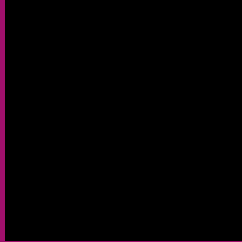
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.5440, 18.9588, 79.3299

Background



This preview shows how black text looks on a background with the YUV color 69.5440, 18.9588, 79.3299.



This preview shows how white text looks on a background with the YUV color 69.5440, 18.9588,

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

69.5440, 18.9588, 79.3299

Protanopia

83.0810, 33.9771, -24.6270

Deuteranopia

87.1340, 6.8359, 0.7595



Tritanopia

77.7160, -15.6360, 68.6551

Trichromacy



Original Color

69.5440, 18.9588, 79.3299

Protanomaly

77.9440, 28.6216, 13.2041

Deuteranomaly

80.5750, 11.5485, 29.3137

Tritanomaly

74.7670, -2.8431, 72.1183

Monochromacy



Original Color

69.5440, 18.9588, 79.3299

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7230, 7.0386, 29.1839

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5440, 18.9588, 79.3299 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(160, 16, 108)` looks like.

```
.text, #text, p{  
    color:rgb(160, 16, 108)  
}
```

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(160, 16, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 16, 108) }
```

Border

The CSS property to change the border of an element to YUV 69.5440, 18.9588, 79.3299 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(160, 16, 108) }
```


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

```
.border{ border-color:rgb(160, 16, 108) }
```

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

Here you see how a box with a 4 pixel rgb(160, 16, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 16, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 16, 108);  
box-shadow:4px 4px 4px 4px rgb(160, 16,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 69.5440, 18.9588, 79.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 16, 108) }
```

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

```
.background{ background-color: rgb(160, 16,  
108) }
```

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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