

Converting Colors

YUV(69.5280, 39.1797,
-60.0991)

Have a look what the booklet for
YUV(69.5280, 39.1797, -60.0991)
contains.

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Color

**YUV(69.5280, 39.1797,
-60.0991)**

Conversions

Conversions Part 1

Format	Color
Hex	015995
RGB	1, 89, 149
RGB Percent	0%, 35%, 58%
CMY	0.9961, 0.6510, 0.4157
CMYK	0.99, 0.40, 0.00, 0.42
HSL	204°, 99%, 29%
HSV	204°, 99%, 58%
XYZ	9.0097, 9.3211, 29.7581
YIQ	69.5280, -71.7080, 0.0040

Conversions

Conversions Part 2

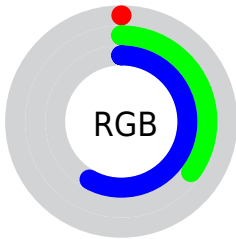
Format	Color
R _Y B	1, 56, 149
Decimal	88469
CIE Lab	36.60, 1.27, -39.11
CIE LCh	37, 39.130, 271.866
Yxy	9.3211, 0.1874, 0.1938
Android (android.graphics.Color)	4278278549 (0xFF015995)
YUV	69.5280, 39.1797, -60.0991
Hunter-Lab	30.5305, -0.7522, -36.4185

Details

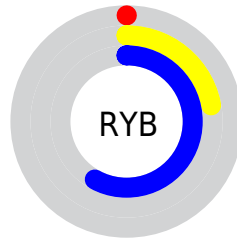
The YUV color **69.5280, 39.1797, -60.0991** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **80.4720, -39.1797, 60.0991**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.6660, 36.6467, -40.9261**, and **37.0000, 30.0730, -32.4490** is the 20% darker color. If you saturate the color by 10%, you get **69.2290, 39.3271, -60.7138**, and if you desaturate by 10%, it is **77.5350, 35.2322, -53.9662**.

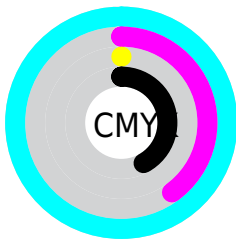
Distribution



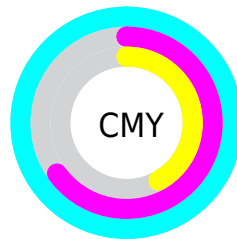
- Red (0%)
- Green (35%)
- Blue (58%)



- Red (0%)
- Yellow (22%)
- Blue (58%)



- Cyan (99%)
- Magenta (40%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5280, 39.1797, -60.0991 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 69.5280, 39.1797, -60.0991 by changing the saturation by 10% instead.

■ 69.5280, 39.1797,
-60.0991

■ 69.5280, 39.1797,
-60.0991

■ 255.0000, 0.0000,
0.0000

■ 52.7640, 34.6263,
-46.2740

■ 129.6660, 36.6467,
-40.9261

■ 37.0000, 30.0730,
-32.4490

■ 156.7910, 37.0780,
-39.2817

■ 22.4100, 24.9409,
-19.6536

■ 183.9330, 35.0360,
-37.6522

■ 8.0480, 20.6823,
-7.0581

■ 209.0400, 22.6583,
-34.2381

■ 4.3660, 11.6516,
-3.8290

■ 234.1470, 10.2805,
-30.8239

■ 0.0000, 0.0000,
0.0000

■ 247.2260, 3.8326,

-15.9842

■ 69.5280, 39.1797,
-60.0991

■ 69.5280, 39.1797,
-60.0991

■ 69.2290, 39.3271,
-60.7138

■ 77.5350, 35.2322,
-53.9662

■ 85.5420, 31.2848,
-47.8333

■ 93.5490, 27.3373,
-41.7005

■ 101.5560, 23.3899,
-35.5676

■ 109.2640, 19.5898,
-30.0495

■ 117.2710, 15.6424,
-23.9167

■ 125.2780, 11.6949,
-17.7838

■ 133.2850, 7.7475,
-11.6509

■ 141.2920, 3.8000,
-5.5181

Harmonies

Analogous

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



73.0130, 33.5176, -64.0324



69.5280, 39.1797, -60.0991



87.7700, 25.7494, 1.0787

Triad

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



69.5280, 39.1797, -60.0991



84.2360, -14.4133, 49.7820



69.7650, -7.2791, -45.3979

Complementary

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



69.5280, 39.1797, -60.0991



80.4720, -39.1797, 60.0991

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.



79.1150, -24.7067, -8.8709



69.5280, 39.1797, -60.0991



83.9450, -26.5949, 36.8822

Square

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



69.5280, 39.1797, -60.0991



85.6070, -0.2993, 49.4567



82.0320, -32.0608, 16.6349



69.2050, 8.7729, -60.6928

Rectangle

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



69.5280, 39.1797, -60.0991



88.8500, 17.8220, 23.8106



82.0320, -32.0608, 16.6349



74.9150, -14.7481, -29.7435

Sweetspot

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



69.5280, 39.1797, -60.0991



162.5700, 15.4950, -23.3019



94.6020, -17.0588, -82.0890



78.3170, 9.2107, -14.3100



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



69.5280, 39.1797, -60.0991



89.6210, 51.4588, -78.5976



26.6770, 60.3052, -22.5187



70.1460, 1.9000, -2.7590



63.8660, 36.5481, -56.0105



4.6620, 2.6316, -4.0886

Inverse Universe

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



55.2840, 16.6220, 82.1889



71.1160, 21.6348, 107.7693



123.3230, -60.3052, 22.5187



69.5490, 0.7153, 3.9035



50.6100, 15.4753, 76.6410



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 69.5280, 39.1797, -60.0991 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 69.5280, 39.1797, -60.0991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

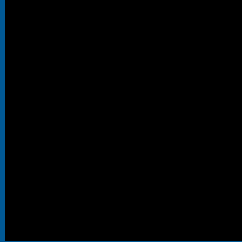
Any Text WCAG AA × Fail

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 69.5280, 39.1797, -60.0991 Background



This preview shows how black text looks on a background with the YUV color 69.5280, 39.1797, -60.0991.



This preview shows how white text looks on a background with the YUV color 69.5280, 39.1797, -60.0991.

-60.0991.

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

69.5280, 39.1797, -60.0991

Protanopia

83.9630, 29.5982, -20.1386

Deuteranopia

78.8190, 34.5992, -37.5523



Tritanopia

67.9800, 16.7719, -59.6185

Trichromacy



Original Color

69.5280, 39.1797, -60.0991

Protanomaly

78.7870, 33.1360, -34.8932

Deuteranomaly

75.5190, 36.2261, -46.0592

Tritanomaly

68.1570, 25.0656, -59.7737

Monochromacy



Original Color

69.5280, 39.1797, -60.0991

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9400, 14.3266, -21.8724

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5280, 39.1797, -60.0991 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(1, 89, 149)` looks like.

```
.text, #text, p{  
    color:rgb(1, 89, 149)  
}
```

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(1, 89, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 89, 149) }
```

Border

The CSS property to change the border of an element to YUV 69.5280, 39.1797, -60.0991 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(1, 89, 149) }
```


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

```
.border{ border-color:rgb(1, 89, 149) }
```

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

Here you see how a box with a 4 pixel rgb(1, 89, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 89, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 89, 149);  
box-shadow:4px 4px 4px 4px rgb(1, 89, 149)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.5280, 39.1797, -60.0991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 89, 149) }
```

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

```
.background{ background-color: rgb(1, 89,  
149) }
```

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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