

Converting Colors

YUV(72.6310, 39.6219,
-61.9434)

Have a look what the booklet for
YUV(72.6310, 39.6219, -61.9434)
contains.

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Color

**YUV(72.6310, 39.6219,
-61.9434)**

Conversions

Conversions Part 1

Format	Color
Hex	025D99
RGB	2, 93, 153
RGB Percent	1%, 36%, 60%
CMY	0.9922, 0.6353, 0.4000
CMYK	0.99, 0.39, 0.00, 0.40
HSL	204°, 97%, 30%
HSV	204°, 99%, 60%
XYZ	9.6892, 10.1415, 31.5838
YIQ	72.6310, -73.4960, -0.6320

Conversions

Conversions Part 2

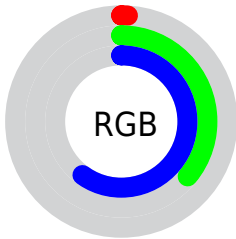
Format	Color
RYB	2, 59, 153
Decimal	155033
CIELab	38.10, 0.40, -39.13
CIELCh	38, 39.127, 270.589
Yxy	10.1415, 0.1885, 0.1973
Android (android.graphics.Color)	4278345113 (0xFF025D99)
YUV	72.6310, 39.6219, -61.9434
Hunter-Lab	31.8457, -1.4209, -36.5103

Details

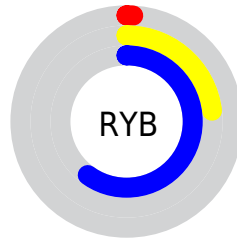
The YUV color **72.6310, 39.6219, -61.9434** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **82.3690, -39.6219, 61.9434**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.0680, 36.9415, -42.1556**, and **39.6900, 30.2258, -34.8081** is the 20% darker color. If you saturate the color by 10%, you get **71.4460, 40.2061, -62.6581**, and if you desaturate by 10%, it is **80.6380, 35.6745, -55.8105**.

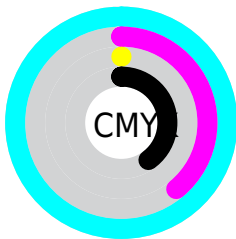
Distribution



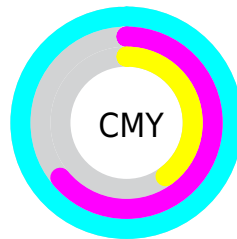
- Red (1%)
- Green (36%)
- Blue (60%)



- Red (1%)
- Yellow (23%)
- Blue (60%)



- Cyan (99%)
- Magenta (39%)
- Yellow (0%)
- Black (40%)



- Cyan (99%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.6310, 39.6219, -61.9434 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 72.6310, 39.6219, -61.9434 by changing the saturation by 10% instead.

■ 72.6310, 39.6219,
-61.9434

■ 72.6310, 39.6219,
-61.9434

■ 255.0000, 0.0000,
0.0000

■ 55.5680, 35.2160,
-48.7331

■ 133.0680, 36.9415,
-42.1556

■ 39.6900, 30.2258,
-34.8081

■ 160.1930, 37.3729,
-40.5113

■ 25.2140, 25.5305,
-22.1127

■ 186.8790, 33.5837,
-38.4819

■ 9.0910, 22.1401,
-7.9728

■ 211.9860, 21.2059,
-35.0677

■ 4.8220, 13.3988,
-4.2289

■ 237.6800, 8.5388,
-32.1684

■ 0.3420, 1.3104,
-0.2999

■ 247.8240, 3.5378,

■ 0.0000, 0.0000,

-14.7546

0.0000

■ 72.6310, 39.6219,
-61.9434

■ 72.6310, 39.6219,
-61.9434

■ 71.4460, 40.2061,
-62.6581

■ 80.6380, 35.6745,
-55.8105

■ 88.9440, 31.5796,
-49.0629

■ 96.9510, 27.6322,
-42.9300

■ 104.9580, 23.6847,
-36.7972

■ 112.9650, 19.7373,
-30.6643

■ 121.2710, 15.6424,
-23.9167

■ 129.8650, 11.4056,
-18.2986

■ 137.8720, 7.4581,
-12.1657

■ 146.1780, 3.3632,
-5.4181

Harmonies

Analogous

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



75.7030, 33.6704, -66.3915



72.6310, 39.6219, -61.9434



91.1720, 26.0442, -0.1508

Triad

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



72.6310, 39.6219, -61.9434



88.5350, -14.5608, 50.3968



75.0320, -8.8898, -42.1241

Complementary

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



72.6310, 39.6219, -61.9434



82.3690, -39.6219, 61.9434

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.



82.5990, -25.4383, -7.5413



72.6310, 39.6219, -61.9434



87.6570, -26.4529, 38.0118

Square

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



72.6310, 39.6219, -61.9434



89.7210, 0.1375, 49.3567



85.7440, -31.9188, 17.7645



71.7810, 8.4890, -62.9519

Rectangle

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



72.6310, 39.6219, -61.9434



92.3660, 18.5536, 22.4810



85.7440, -31.9188, 17.7645



78.6980, -15.6271, -27.7991

Sweetspot

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



72.6310, 39.6219, -61.9434



166.9720, 15.7898, -24.5314



97.2490, -18.3638, -83.5334



80.3170, 9.2107, -14.3100



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



72.6310, 39.6219, -61.9434



93.1260, 52.1959, -81.6715



29.7800, 60.7475, -24.3631



72.2600, 2.3368, -2.8590



65.8550, 36.5535, -57.7548



6.1780, 3.3632, -5.4181

Inverse Universe

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



57.5230, 17.4902, 83.7333



73.1810, 23.0818, 110.3433



125.2200, -60.7475, 24.3631



71.8480, 0.5679, 4.5183



51.5500, 16.4909, 77.5707



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 72.6310, 39.6219, -61.9434 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 × Fail

Black Background



This preview shows how the YUV color 72.6310, 39.6219, -61.9434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

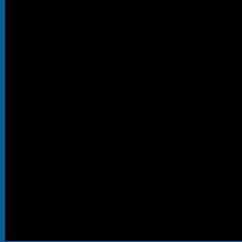
Any Text WCAG AA × Fail

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 72.6310, 39.6219, -61.9434 Background



This preview shows how black text looks on a background with the YUV color 72.6310, 39.6219, -61.9434.



This preview shows how white text looks on a background with the YUV color 72.6310, 39.6219,

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

72.6310, 39.6219, -61.9434

Protanopia

87.9630, 29.5982, -20.1386

Deuteranopia

83.5310, 34.7412, -36.4227



Tritanopia

70.8980, 17.7983, -62.1775

Trichromacy



Original Color

72.6310, 39.6219, -61.9434

Protanomaly

82.4880, 33.2834, -35.5080

Deuteranomaly

79.6330, 36.6629, -46.1591

Tritanomaly

71.3740, 25.9446, -61.7180

Monochromacy



Original Color

72.6310, 39.6219, -61.9434

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.6410, 14.4740, -22.4872

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.6310, 39.6219, -61.9434 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(2, 93, 153)` looks like.

```
.text, #text, p{  
    color:rgb(2, 93, 153)  
}
```

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(2, 93, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 93, 153) }
```

Border

The CSS property to change the border of an element to YUV 72.6310, 39.6219, -61.9434 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(2, 93, 153) }
```


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

```
.border{ border-color:rgb(2, 93, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 93, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 93, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 93, 153);  
box-shadow:4px 4px 4px 4px rgb(2, 93, 153)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.6310, 39.6219, -61.9434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 93, 153) }
```

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

```
.background{ background-color: rgb(2, 93,  
153) }
```

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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