

Converting Colors

YUV(69.9970, 11.3405, 2.6336)

Have a look what the booklet for
YUV(69.9970, 11.3405, 2.6336)
contains.

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Color

**YUV(69.9970, 11.3405,
2.6336)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 49405D |
| RGB | 73, 64, 93 |
| RGB Percent | 29%, 25%, 36% |
| CMY | 0.7137, 0.7490, 0.6353 |
| CMYK | 0.22, 0.31, 0.00, 0.64 |
| HSL | 259°, 18%, 31% |
| HSV | 259°, 31%, 36% |
| XYZ | 6.5568, 5.8736, 11.1441 |
| YIQ | 69.9970, -3.9450, 10.9270 |

Conversions

Conversions Part 2

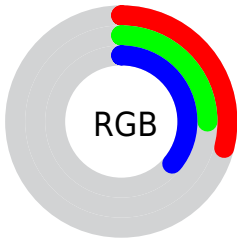
| Format | Color |
|-------------------------------------|------------------------------|
| R_YB | 73, 64, 93 |
| Decimal | 4800605 |
| CIE _{Lab} | 29.09, 10.70, -15.81 |
| CIE _{LCh} | 29, 19.093, 304.103 |
| Yxy | 5.8736, 0.2781, 0.2491 |
| Android (android.graphics.Color) | 4282990685 (0xFF49405D) |
| YUV | 69.9970, 11.3405, 2.6336 |
| Hunter-Lab | 24.2355, 5.8806, -10.2982 |

Details

The YUV color **69.9970, 11.3405, 2.6336** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **87.0030, -11.3405, -2.6336**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.5240, 12.0667, 3.0485**, and **26.6440, 10.0355, 1.1892** is the 20% darker color. If you saturate the color by 10%, you get **62.9200, 14.8294, 3.5782**, and if you desaturate by 10%, it is **77.0740, 7.8515, 1.6891**.

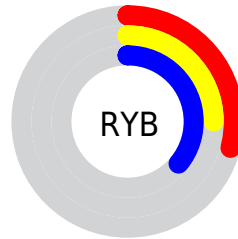
Distribution



Red (29%)

Green (25%)

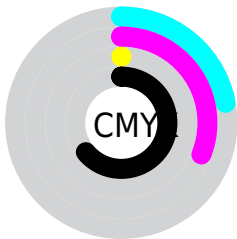
Blue (36%)



Red (29%)

Yellow (25%)

Blue (36%)

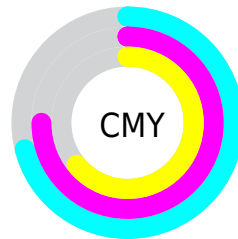


Cyan (22%)

Magenta (31%)

Yellow (0%)

Black (64%)



Cyan (71%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.9970, 11.3405, 2.6336 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 69.9970, 11.3405, 2.6336 by changing the saturation by 10% instead.

■ 69.9970, 11.3405,
2.6336

■ 69.9970, 11.3405,
2.6336

■ 255.0000, 0.0000,
0.0000

■ 47.4700, 10.6143,
2.2188

■ 118.5240, 12.0667,
3.0485

■ 26.6440, 10.0355,
1.1892

■ 144.0510, 12.7929,
3.4633

■ 3.2630, 11.2093,
-1.9847

■ 170.4640, 13.0822,
3.9781

■ 0.0000, 0.0000,
0.0000

■ 198.1650, 13.2297,
3.3633

■ 225.6920, 13.9558,
3.7781

■ 250.3040, 2.3151,

4.1184

■ 69.9970, 11.3405,
2.6336

■ 69.9970, 11.3405,
2.6336

■ 62.9200, 14.8294,
3.5782

■ 77.0740, 7.8515,
1.6891

■ 54.9570, 18.7552,
4.4227

■ 85.0370, 3.9258,
0.8446

■ 47.8800, 22.2442,
5.3672

■ 92.1140, 0.4368,
-0.1000

■ 40.5040, 25.8805,
5.6970

■ 99.4900, -3.1996,
-0.4297

■ 32.8400, 29.6589,
7.1563

■ 107.1540, -6.9779,
-1.8891

■ 25.7630, 33.1478,
8.1008

■ 114.2310,
-10.4669, -2.8336

■ 19.2730, 36.3474,
8.5306

■ 121.6070,
-14.1033, -3.1633

■ 128.6840,
-17.5922, -4.1079

■ 136.6470,
-21.5180, -4.9524

Harmonies

Analogous

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



66.9240, 15.3205, -13.9653



69.9970, 11.3405, 2.6336



70.5920, 5.6241, 16.1438

Triad

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



69.9970, 11.3405, 2.6336



68.3800, -13.0053, 18.0837



60.3550, 4.7550, -31.8833

Complementary

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



69.9970, 11.3405, 2.6336



87.0030, -11.3405, -2.6336

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.



63.1520, -4.0189, -17.6733



69.9970, 11.3405, 2.6336



67.0860, -13.8464, 7.8176

Square

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



69.9970, 11.3405, 2.6336



69.3790, -8.0748, 23.3466



66.1060, -10.8983, -4.4780



57.2920, 13.6600, -41.4751

Rectangle

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



69.9970, 11.3405, 2.6336



70.0720, 0.9505, 21.8619



66.1060, -10.8983, -4.4780



60.9920, 1.9759, -27.1800

Sweetspot

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



69.9970, 11.3405, 2.6336



111.1510, 4.3626, 0.7446



79.0460, 6.8793, -13.1953



55.6950, 2.6154, 1.1445



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



69.9970, 11.3405, 2.6336



84.9030, 17.3028, 3.5931



74.1830, 9.2768, 11.2405



42.1680, 1.8892, 0.7297



22.7060, 43.0359, 9.9048



49.1440, 92.6130, 21.7987

Inverse Universe

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



74.9510, 4.4612, 15.8290



92.5760, 6.6180, 24.0508



82.8170, -9.2768, -11.2405



42.8370, 0.5734, 2.7740



41.5540, 16.9819, 60.0271



89.5590, 36.6994, 129.3058

Previews

White Background



This preview shows how the YUV color 69.9970, 11.3405, 2.6336 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 69.9970, 11.3405, 2.6336 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 69.9970, 11.3405, 2.6336

Background



This preview shows how black text looks on a background with the YUV color 69.9970, 11.3405, 2.6336.

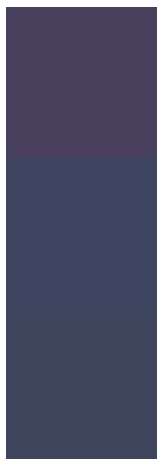


This preview shows how white text looks on a background with the YUV color 69.9970, 11.3405,

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

69.9970, 11.3405, 2.6336

Protanopia

68.8000, 13.4096, -7.7176

Deuteranopia

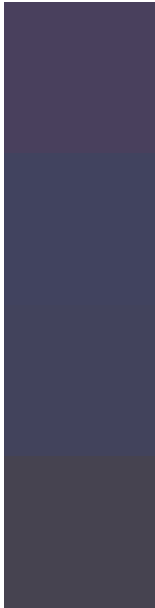
68.9420, 11.3676, -6.0881



Tritanopia

68.8690, 2.0366, 0.1149

Trichromacy



Original Color

69.9970, 11.3405, 2.6336

Protanomaly

69.5940, 12.5252, -4.0289

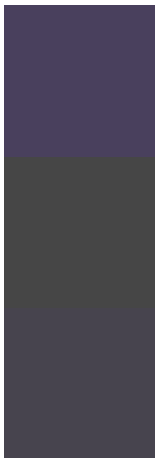
Deuteranomaly

69.5510, 11.0674, -3.1142

Tritanomaly

69.3790, 5.2362, 0.5446

Monochromacy



Original Color

69.9970, 11.3405, 2.6336

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0370, 3.9258, 0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.9970, 11.3405, 2.6336 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(73, 64, 93)` looks like.

```
.text, #text, p{  
    color:rgb(73, 64, 93)  
}
```

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(73, 64, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 64, 93) }
```

Border

The CSS property to change the border of an element to YUV 69.9970, 11.3405, 2.6336 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(73, 64, 93) }
```


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

```
.border{ border-color:rgb(73, 64, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 64, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 64, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 64, 93);  
box-shadow:4px 4px 4px 4px rgb(73, 64, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.9970, 11.3405, 2.6336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 64, 93) }
```

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

```
.background{ background-color: rgb(73, 64,  
93) }
```

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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