

Converting Colors

YUV(110.4970, 29.8280,
-0.4359)

Have a look what the booklet for
YUV(110.4970, 29.8280, -0.4359)
contains.

YUV(110.4970, 29.8280, -0.4359)	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(110.4970, 29.8280,
-0.4359)**

Conversions

Conversions Part 1

Format	Color
Hex	6E63AB
RGB	110, 99, 171
RGB Percent	43%, 39%, 67%
CMY	0.5686, 0.6118, 0.3294
CMYK	0.36, 0.42, 0.00, 0.33
HSL	249°, 30%, 53%
HSV	249°, 42%, 67%
XYZ	18.2429, 15.1790, 40.4964
YIQ	110.4970, -16.5560, 24.7240

Conversions

Conversions Part 2

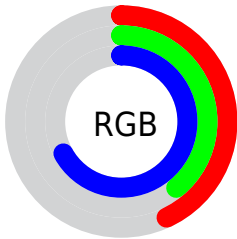
Format	Color
R _{YB}	110, 99, 171
Decimal	7234475
CIE _{Lab}	45.88, 21.70, -37.14
CIE _{LCh}	46, 43.018, 300.296
Yxy	15.1790, 0.2468, 0.2053
Android (android.graphics.Color)	4285424555 (0xFF6E63AB)
YUV	110.4970, 29.8280, -0.4359
Hunter-Lab	38.9602, 15.4016, -34.3557

Details

The YUV color **110.4970, 29.8280, -0.4359** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **159.5030, -29.8280, 0.4359**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.9640, 31.5697, 0.9086**, and **61.3180, 27.9442, -2.9099** is the 20% darker color. If you saturate the color by 10%, you get **96.3320, 36.8113, -0.2912**, and if you desaturate by 10%, it is **124.6620, 22.8446, -0.5806**.

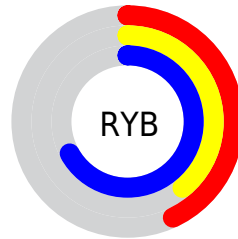
Distribution



Red (43%)

Green (39%)

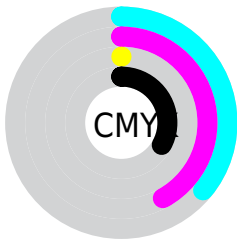
Blue (67%)



Red (43%)

Yellow (39%)

Blue (67%)

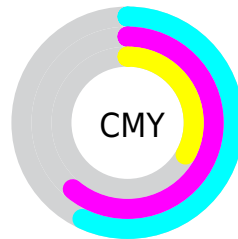


Cyan (36%)

Magenta (42%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (61%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.4970, 29.8280, -0.4359 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 110.4970, 29.8280, -0.4359 by changing the saturation by 10% instead.

■ 110.4970, 29.8280,
-0.4359

■ 110.4970, 29.8280,
-0.4359

255.0000, 0.0000,
0.0000

■ 85.5570, 28.8124,
-1.3655

■ 162.9640, 31.5697,
0.9086

■ 61.3180, 27.9442,
-2.9099

■ 190.3770, 31.8591,
1.4234

■ 38.3670, 26.9341,
-5.5839

■ 214.5980, 19.9182,
4.7376

■ 13.7360, 27.2452,
-12.0465

■ 239.7050, 7.5404,
8.1517

■ 5.2440, 20.0927,
-4.5990

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 110.4970, 29.8280,
-0.4359

■ 110.4970, 29.8280,
-0.4359

■ 96.3320, 36.8113,
-0.2912

■ 124.6620, 22.8446,
-0.5806

■ 81.8680, 43.9421,
-0.7612

■ 139.1260, 15.7139,
-0.1105

■ 67.7030, 50.9254,
-0.6165

■ 153.2910, 8.7305,
-0.2552

■ 53.2390, 58.0562,
-1.0866

■ 167.7550, 1.5998,
0.2149

■ 39.0740, 65.0395,
-0.9419

■ 181.9200, -5.3836,
0.0702

■ 27.2680, 70.8599,
-1.1120

■ 196.9710,
-12.8037, 0.0254

■ 211.1360,
-19.7870, -0.1193

■ 225.6000,
-26.9178, 0.3508

■ 239.7650,
-33.9011, 0.2061

Harmonies

Analogous

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



92.6570, 43.5531, -62.8432



110.4970, 29.8280, -0.4359



111.5850, 16.4736, 36.3210

Triad

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



110.4970, 29.8280, -0.4359



106.4790, -29.8161, 43.4299



86.2740, 10.7109, -75.6623

Complementary

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



110.4970, 29.8280, -0.4359



159.5030, -29.8280, 0.4359

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.



92.5540, -10.6261, -45.2129



110.4970, 29.8280, -0.4359



104.7290, -35.8554, 20.4087

Square

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



110.4970, 29.8280, -0.4359



107.7100, -16.6190, 57.2593



100.9750, -29.0747, -7.8711



90.3780, 26.4356, -79.2615

Rectangle

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



110.4970, 29.8280, -0.4359



109.9260, 5.9525, 50.9309



100.9750, -29.0747, -7.8711



84.7920, 5.0325, -74.3626

Sweetspot

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



110.4970, 29.8280, -0.4359



197.5020, 12.0775, -0.4403



143.0150, 13.7966, -38.6012



96.9490, 7.4201, 0.0447



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



110.4970, 29.8280, -0.4359



126.9650, 46.8523, -0.8463



121.2610, 24.5213, 21.6961



79.3250, 3.7838, -0.2850



23.9770, 62.1293, -0.8568



3.8180, 9.4567, 0.1596

Inverse Universe

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



127.4820, 16.0314, 38.1653



153.7310, 25.2756, 59.8719



148.7390, -24.5213, -21.6961



81.4890, 1.7309, 4.8331



59.3280, 33.3623, 79.5193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 110.4970, 29.8280, -0.4359 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 110.4970, 29.8280, -0.4359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

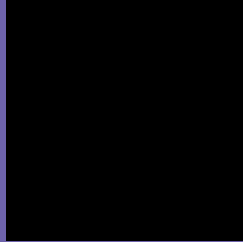
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.4970, 29.8280, -0.4359

Background



This preview shows how black text looks on a background with the YUV color 110.4970, 29.8280, -0.4359.



This preview shows how white text looks on a background with the YUV color 110.4970, 29.8280, -0.4359.

-0.4359.

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

110.4970, 29.8280, -0.4359

Protanopia

106.4340, 35.2820, -23.1826

Deuteranopia

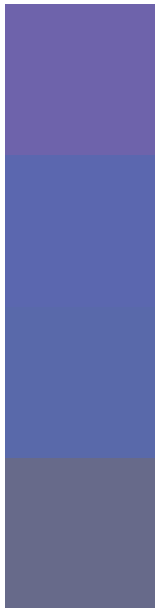
106.2720, 30.9249, -25.6715



Tritanopia

107.7370, 5.5527, -7.6623

Trichromacy



Original Color

110.4970, 29.8280, -0.4359

Protanomaly

107.6200, 33.2183, -14.5757

Deuteranomaly

107.6260, 30.7504, -16.3350

Tritanomaly

108.7510, 14.4198, -5.0436

Monochromacy



Original Color

110.4970, 29.8280, -0.4359

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1600, 10.7671, -0.1403

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.4970, 29.8280, -0.4359 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(110, 99, 171)` looks like.

```
.text, #text, p{  
    color:rgb(110, 99, 171)  
}
```

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(110, 99, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 99, 171) }
```

Border

The CSS property to change the border of an element to YUV 110.4970, 29.8280, -0.4359 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(110, 99, 171) }
```


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

```
.border{ border-color:rgb(110, 99, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 99, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 99, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 99, 171);  
box-shadow:4px 4px 4px 4px rgb(110, 99,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 110.4970, 29.8280, -0.4359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 99, 171) }
```

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

```
.background{ background-color: rgb(110, 99,  
171) }
```

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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