

Converting Colors

YUV(109.6190, 71.6728,
-28.6069)

Have a look what the booklet for
YUV(109.6190, 71.6728, -28.6069)
contains.

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Color

**YUV(109.6190, 71.6728,
-28.6069)**

Conversions

Conversions Part 1

Format	Color
Hex	4D62FF
RGB	77, 98, 255
RGB Percent	30%, 38%, 100%
CMY	0.6980, 0.6157, 0.0000
CMYK	0.70, 0.62, 0.00, 0.00
HSL	233°, 100%, 65%
HSV	233°, 70%, 100%
XYZ	25.4783, 17.5331, 96.6491
YIQ	109.6190, -62.9130, 44.3750

Conversions

Conversions Part 2

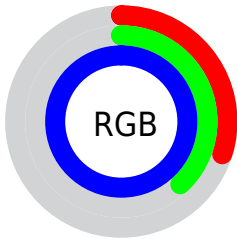
Format	Color
R _Y B	77, 96, 255
Decimal	5071615
CIE Lab	48.92, 42.54, -80.27
CIE LCh	49, 90.846, 297.922
Yxy	17.5331, 0.1824, 0.1255
Android (android.graphics.Color)	4283261695 (0xFF4D62FF)
YUV	109.6190, 71.6728, -28.6069
Hunter-Lab	41.8726, 35.3350, -107.5407

Details

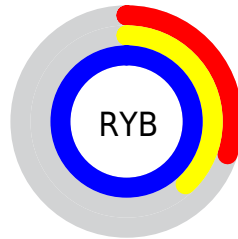
The YUV color **109.6190, 71.6728, -28.6069** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed azure. A complement of this color would be **222.3810, -71.6728, 28.6069**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1870, 46.7428, -12.4420**, and **52.9820, 71.0009, -46.4652** is the 20% darker color. If you saturate the color by 10%, you get **89.2300, 81.7246, -32.6507**, and if you desaturate by 10%, it is **130.3070, 61.4736, -23.9482**.

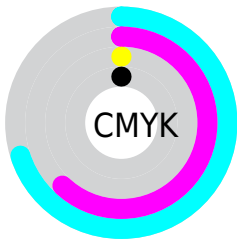
Distribution



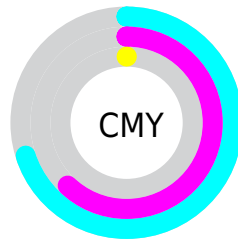
- Red (30%)
- Green (38%)
- Blue (100%)



- Red (30%)
- Yellow (38%)
- Blue (100%)



- Cyan (70%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.6190, 71.6728, -28.6069 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 109.6190, 71.6728, -28.6069 by changing the saturation by 10% instead.

■ 109.6190, 71.6728,
-28.6069

■ 109.6190, 71.6728,
-28.6069

■ 255.0000, 0.0000,
0.0000

■ 76.9760, 73.4688,
-44.7060

■ 160.1870, 46.7428,
-12.4420

■ 52.9820, 71.0009,
-46.4652

■ 185.0170, 34.5016,
-6.1539

■ 37.4630, 64.8477,
-32.8551

■ 210.7220, 21.8291,
-1.5102

■ 24.4060, 57.9738,
-21.4041

■ 236.7260, 9.0091,
3.7483

■ 13.1100, 50.2318,
-11.4975

■ 17.7770, 35.1129,
-15.5904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 109.6190, 71.6728,
-28.6069

■ 109.6190, 71.6728,
-28.6069

■ 89.2300, 81.7246,
-32.6507

■ 130.3070, 61.4736,
-23.9482

■ 67.9550, 92.2132,
-36.7945

■ 151.2830, 51.1325,
-20.4192

■ 47.5660, 102.2650,
-40.8384

■ 171.9710, 40.9333,
-15.7606

■ 46.6800, 102.7018,
-40.9384

■ 192.9470, 30.5921,
-12.2315

■ 213.6350, 20.3929,
-7.5729

■ 234.6110, 10.0518,
-4.0438

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



104.7930, 74.0521, -91.9035



109.6190, 71.6728, -28.6069



103.4330, 47.6075, 83.8123

Triad

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



109.6190, 71.6728, -28.6069



104.1350, -51.3386, 86.7046



98.1280, 5.3599, -86.0583

Complementary

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



109.6190, 71.6728, -28.6069



222.3810, -71.6728, 28.6069

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.



85.0640, -34.5416, -74.6011



109.6190, 71.6728, -28.6069



109.6970, -54.0806, 32.7147

Square

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



109.6190, 71.6728, -28.6069



76.8620, -13.2430, 141.3180



97.8160, -48.2233, -26.1486



107.6070, 39.1407, -94.3713

Rectangle

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



109.6190, 71.6728, -28.6069



86.8810, 31.6107, 128.1464



97.8160, -48.2233, -26.1486



94.3490, -6.5811, -82.7441

Sweetspot

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



109.6190, 71.6728, -28.6069



211.2650, 21.5614, -9.0024



199.0420, 15.7553, -107.0308



101.4090, 13.1094, -4.7437



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



109.6190, 71.6728, -28.6069



80.0710, 86.2400, -34.2653



116.7270, 68.1686, 22.1644



117.0690, 5.3890, -1.8145



35.2750, 76.7724, -30.9362



11.9920, 25.6399, -10.5170

Inverse Universe

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



132.6160, -17.0657, 107.3308



107.8360, -20.6251, 129.0628



215.2730, -68.1686, -22.1644



119.0010, -1.4795, 7.8921



59.7310, -18.1084, 115.1229



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 109.6190, 71.6728, -28.6069 looks on a white background.

Color Contrast Check

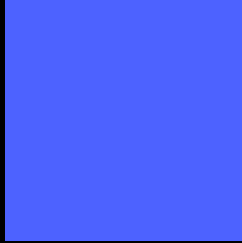
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.6190, 71.6728, -28.6069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

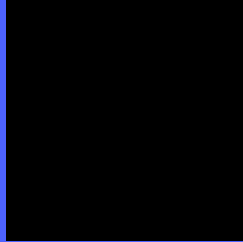
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.6190, 71.6728, -28.6069

Background



This preview shows how black text looks on a background with the YUV color 109.6190, 71.6728, -28.6069.



This preview shows how white text looks on a background with the YUV color 109.6190, 71.6728, -28.6069.

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

109.6190, 71.6728, -28.6069

Protanopia

91.9470, 70.5251, -80.6375

Deuteranopia

92.2940, 54.0851, -80.9418



Tritanopia

90.7540, 22.7993, -79.5913

Trichromacy



Original Color

109.6190, 71.6728, -28.6069

Protanomaly

98.1820, 70.9023, -61.5496

Deuteranomaly

98.7230, 60.2826, -62.0241

Tritanomaly

97.5710, 40.6375, -61.0138

Monochromacy



Original Color

109.6190, 71.6728, -28.6069

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1060, 26.0767, -10.6170

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6190, 71.6728, -28.6069 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(77, 98, 255)` looks like.

```
.text, #text, p{  
    color:rgb(77, 98, 255)  
}
```

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(77, 98, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 98, 255) }
```

Border

The CSS property to change the border of an element to YUV 109.6190, 71.6728, -28.6069 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(77, 98, 255) }
```


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

```
.border{ border-color:rgb(77, 98, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 98, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 98, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 98, 255);  
box-shadow:4px 4px 4px 4px rgb(77, 98,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 109.6190, 71.6728, -28.6069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 98, 255) }
```

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

```
.background{ background-color: rgb(77, 98,  
255) }
```

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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