

Converting Colors

YUV(37.6190, 71.6728,
-28.6069)

Have a look what the booklet for
YUV(37.6190, 71.6728, -28.6069)
contains.

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Color

**YUV(37.6190, 71.6728,
-28.6069)**

Conversions

Conversions Part 1

Format	Color
Hex	051AB7
RGB	5, 26, 183
RGB Percent	2%, 10%, 72%
CMY	0.9804, 0.8980, 0.2824
CMYK	0.97, 0.86, 0.00, 0.28
HSL	233°, 95%, 37%
HSV	233°, 97%, 72%
XYZ	8.9792, 4.1900, 45.1352
YIQ	37.6190, -62.9130, 44.3750

Conversions

Conversions Part 2

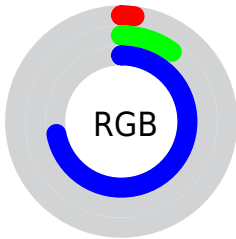
Format	Color
RYB	5, 24, 183
Decimal	334519
CIELab	24.29, 54.06, -79.66
CIELCh	24, 96.270, 304.162
Yxy	4.1900, 0.1540, 0.0719
Android (android.graphics.Color)	4278524599 (0xFF051AB7)
YUV	37.6190, 71.6728, -28.6069
Hunter-Lab	20.4694, 42.4806, -116.4067

Details

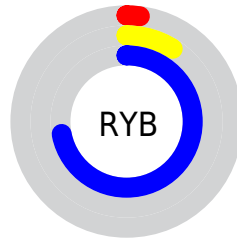
The YUV color **37.6190, 71.6728, -28.6069** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **150.3810, -71.6728, 28.6069**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.2850, 68.3865, -1.1269**, and **14.5920, 55.9101, -12.7972** is the 20% darker color. If you saturate the color by 10%, you get **33.7760, 73.5674, -29.6216**, and if you desaturate by 10%, it is **52.3930, 64.3893, -25.7777**.

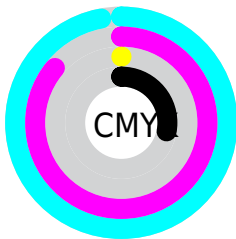
Distribution



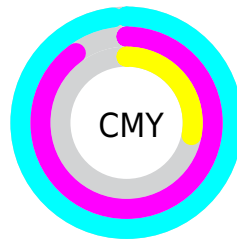
- Red (2%)
- Green (10%)
- Blue (72%)



- Red (2%)
- Yellow (9%)
- Blue (72%)



- Cyan (97%)
- Magenta (86%)
- Yellow (0%)
- Black (28%)



- Cyan (98%)
- Magenta (90%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.6190, 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 37.6190, 71.6728, -28.6069 by changing the saturation by 10% instead.

■ 37.6190, 71.6728,
-28.6069

■ 37.6190, 71.6728,
-28.6069

■ 255.0000, 0.0000,
0.0000

■ 17.6700, 67.7037,
-15.4966

■ 101.2850, 68.3865,
-1.1269

■ 14.5920, 55.9101,
-12.7972

■ 127.2380, 62.9867,
4.1763

■ 11.6280, 44.5534,
-10.1978

■ 151.7690, 50.8929,
9.8496

■ 14.6480, 30.7395,
-12.8463

■ 176.5880, 38.6571,
14.3933

■ 8.9770, 21.7033,
-7.8728

■ 201.7060, 26.2739,
19.5518

■ 4.7080, 12.9620,
-4.1289

■ 227.4110, 13.6014,


■ 0.2280, 0.8736,


24.1956


-0.2000


 243.8470, 5.4984,
9.7812


 0.0000, 0.0000,
0.0000


 37.6190, 71.6728,
-28.6069


 37.6190, 71.6728,
-28.6069


 33.7760, 73.5674,
-29.6216

 52.3930, 64.3893,
-25.7777

 67.4660, 56.9583,
-22.3337

 82.2400, 49.6747,
-19.5045

 97.6010, 42.1017,
-17.1901

 112.6740, 34.6707,
-13.7461

■ 127.4480, 27.3871,
-10.9169

■ 142.2220, 20.1036,
-8.0877

■ 156.9960, 12.8200,
-5.2585

■ 172.0690, 5.3890,
-1.8145

Harmonies

Analogous

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



65.0300, 71.4702, -57.0313



37.6190, 71.6728, -28.6069



56.7790, 32.6470, 75.6158

Triad

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



37.6190, 71.6728, -28.6069



44.0870, -21.7349, 64.8217



54.0110, 6.4036, -47.3676

Complementary

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



37.6190, 71.6728, -28.6069



150.3810, -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.



45.1990, -22.2831, -39.6395



37.6190, 71.6728, -28.6069



54.0570, -26.6501, 7.8430

Square

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



37.6190, 71.6728, -28.6069



46.9430, -23.1429, 96.5200



42.8510, -21.1255, -37.5803



63.5070, 37.7110, -55.6956

Rectangle

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



37.6190, 71.6728, -28.6069



58.2980, 8.7271, 94.4547



42.8510, -21.1255, -37.5803



51.0470, -4.9532, -44.7682

Sweetspot

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



37.6190, 71.6728, -28.6069



180.5620, 27.8239, -11.0169



127.0420, 15.7553, -107.0308



85.7230, 16.8986, -6.7731



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



37.6190, 71.6728, -28.6069



43.4540, 95.4182, -38.1092



44.7270, 68.1686, 22.1644



84.6130, 3.6418, -1.4146



28.3500, 62.9315, -24.8629



4.9530, 11.3622, -4.3438

Inverse Universe

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



60.6160, -17.0657, 107.3308



74.0550, -22.7051, 142.9028



143.2730, -68.1686, -22.1644



85.8050, -0.8899, 5.4330



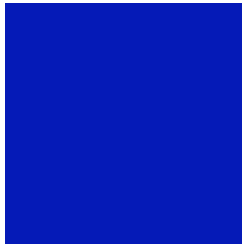
48.6960, -15.1331, 94.1056



8.7140, -2.8170, 16.9138

Previews

White Background



This preview shows how the YUV color 37.6190, 71.6728, -28.6069 looks on a white background.

Color Contrast Check

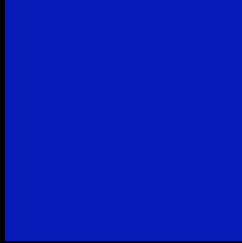
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 37.6190, 71.6728, -28.6069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

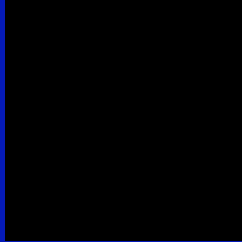
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.6190, 71.6728, -28.6069

Background



This preview shows how black text looks on a background with the YUV color 37.6190, 71.6728, -28.6069.



This preview shows how white text looks on a background with the YUV color 37.6190, 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

37.6190, 71.6728, -28.6069

Protanopia

47.0250, 35.4837, -41.2409

Deuteranopia

47.3210, 26.4637, -41.5005

Trichromacy



Original Color

37.6190, 71.6728, -28.6069

Protanomaly

43.7880, 48.4185, -36.6481

Deuteranomaly

43.7080, 43.0350, -36.5779

Monochromacy



Original Color

37.6190, 71.6728, -28.6069

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.1060, 26.0767, -10.6170

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.6190, 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(5, 26, 183)` looks like.

```
.text, #text, p{  
    color:rgb(5, 26, 183)  
}
```

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(5, 26, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 26, 183) }
```

Border

The CSS property to change the border of an element to YUV 37.6190, 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(5, 26, 183) }
```

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

```
.border{ border-color:rgb(5, 26, 183) }
```

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

Here you see how a box with a 4 pixel rgb(5, 26, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 26, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 26, 183);  
box-shadow:4px 4px 4px 4px rgb(5, 26, 183)  
}
```


Background

The CSS property to change the background color of an element to YUV 37.6190, 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(5, 26, 183) }
```

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

```
.background{ background-color: rgb(5, 26,  
183) }
```

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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