

Converting Colors

YUV(69.0970, 36.4342,
-19.3791)

Have a look what the booklet for
YUV(69.0970, 36.4342, -19.3791)
contains.

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Color

**YUV(69.0970, 36.4342,
-19.3791)**

Conversions

Conversions Part 1

Format	Color
Hex	2F428F
RGB	47, 66, 143
RGB Percent	18%, 26%, 56%
CMY	0.8157, 0.7412, 0.4392
CMYK	0.67, 0.54, 0.00, 0.44
HSL	228°, 51%, 37%
HSV	228°, 67%, 56%
XYZ	8.0784, 6.4839, 26.8123
YIQ	69.0970, -36.0410, 19.9190

Conversions

Conversions Part 2

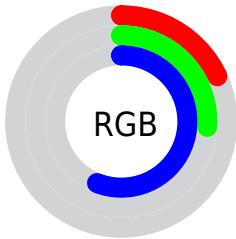
Format	Color
R_{YB}	47, 63, 143
Decimal	3097231
CIE _{Lab}	30.60, 18.97, -45.01
CIE _{LCh}	31, 48.843, 292.849
Yxy	6.4839, 0.1953, 0.1567
Android (android.graphics.Color)	4281287311 (0xFF2F428F)
YUV	69.0970, 36.4342, -19.3791
Hunter-Lab	25.4636, 12.0686, -44.6060

Details

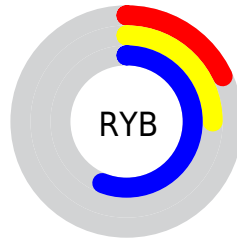
The YUV color **69.0970, 36.4342, -19.3791** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **120.9030, -36.4342, 19.3791**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4720, 37.7283, -14.4459**, and **24.5760, 33.2400, -21.5532** is the 20% darker color. If you saturate the color by 10%, you get **58.4540, 41.6812, -22.3232**, and if you desaturate by 10%, it is **79.7400, 31.1872, -16.4350**.

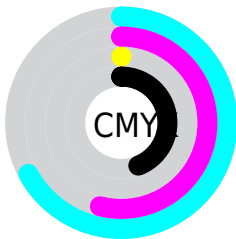
Distribution



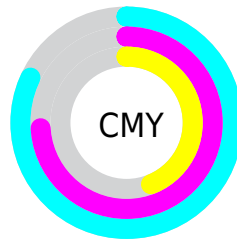
- Red (18%)
- Green (26%)
- Blue (56%)



- Red (18%)
- Yellow (25%)
- Blue (56%)



- Cyan (67%)
- Magenta (54%)
- Yellow (0%)
- Black (44%)



- Cyan (82%)
- Magenta (74%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.0970, 36.4342, -19.3791 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 69.0970, 36.4342, -19.3791 by changing the saturation by 10% instead.

■ 69.0970, 36.4342,
-19.3791

■ 69.0970, 36.4342,
-19.3791

■ 255.0000, 0.0000,
0.0000

■ 40.9600, 37.4877,
-30.6599

■ 120.4720, 37.7283,
-14.4459

■ 24.5760, 33.2400,
-21.5532

■ 146.8250, 39.0333,
-13.0015

■ 7.7520, 29.7023,
-6.7985

■ 173.7650, 40.0489,
-12.0719

■ 6.8910, 18.7877,
-6.0434

■ 197.9860, 28.1079,
-8.7577

■ 3.2090, 9.7570,
-2.8143

■ 223.0930, 15.7302,
-5.3436

■ 0.0000, 0.0000,
0.0000

■ 248.7870, 3.0630,

-2.4442

■ 69.0970, 36.4342,
-19.3791

■ 69.0970, 36.4342,
-19.3791

■ 58.4540, 41.6812,
-22.3232

■ 79.7400, 31.1872,
-16.4350

■ 46.9250, 47.3650,
-25.3672

■ 91.2690, 25.5034,
-13.3909

■ 36.2820, 52.6120,
-28.3113

■ 101.9120, 20.2564,
-10.4468

■ 32.7380, 54.3592,
-28.7112

■ 113.1420, 14.7200,
-8.0175

■ 124.0840, 9.3256,
-4.4587

■ 135.3140, 3.7892,
-2.0294

■ 145.9570, -1.4578,
0.9147

■ 157.1870, -6.9942,
3.3440

■ 168.1290,
-12.3886, 6.9029

Harmonies

Analogous

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



63.8320, 41.4948, -55.9807



69.0970, 36.4342, -19.3791



72.8600, 22.7470, 30.8178

Triad

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



69.0970, 36.4342, -19.3791



66.9250, -29.5430, 49.1778



58.6100, 1.1783, -51.4010

Complementary

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



69.0970, 36.4342, -19.3791



120.9030, -36.4342, 19.3791

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.



52.2890, -15.4255, -45.8575



69.0970, 36.4342, -19.3791



68.0330, -33.5403, 24.5271

Square

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



69.0970, 36.4342, -19.3791



64.2900, -9.5100, 63.7667



64.6120, -31.8537, -3.1677



63.7570, 18.3608, -55.9149

Rectangle

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



69.0970, 36.4342, -19.3791



67.8860, 13.3672, 52.7200



64.6120, -31.8537, -3.1677



56.5410, -4.2107, -49.5865

Sweetspot

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



69.0970, 36.4342, -19.3791



157.3270, 14.1358, -7.3028



112.1300, 5.8519, -57.1190



76.8560, 8.4520, -4.2587



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



69.0970, 36.4342, -19.3791



69.8240, 57.2748, -30.5406



66.6150, 37.6578, 8.2306



65.9720, 2.4788, -1.7294



31.2390, 51.1542, -27.3966



2.0860, 2.9156, -1.8294

Inverse Universe

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



77.8700, -5.8519, 57.1190



83.5690, -9.1545, 89.8320



123.3850, -37.6578, -8.2306



66.3210, -0.1583, 4.1035



43.4430, -8.1064, 80.2955



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 69.0970, 36.4342, -19.3791 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 69.0970, 36.4342, -19.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

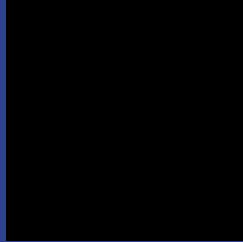
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.0970, 36.4342, -19.3791

Background



This preview shows how black text looks on a background with the YUV color 69.0970, 36.4342, -19.3791.



This preview shows how white text looks on a background with the YUV color 69.0970, 36.4342, -19.3791.

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

69.0970, 36.4342, -19.3791

Protanopia

60.5500, 42.6198, -43.4553

Deuteranopia

58.0300, 34.4952, -50.8923



Tritanopia

56.7640, 14.4133, -49.7820

Trichromacy



Original Color

69.0970, 36.4342, -19.3791

Protanomaly

63.7360, 40.5562, -34.8485

Deuteranomaly

61.9220, 35.0415, -39.3966

Tritanomaly

61.3060, 22.5271, -38.8564

Monochromacy



Original Color

69.0970, 36.4342, -19.3791

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0990, 13.2622, -7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.0970, 36.4342, -19.3791 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(47, 66, 143)` looks like.

```
.text, #text, p{  
    color:rgb(47, 66, 143)  
}
```

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(47, 66, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 66, 143) }
```

Border

The CSS property to change the border of an element to YUV 69.0970, 36.4342, -19.3791 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(47, 66, 143) }
```


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

```
.border{ border-color:rgb(47, 66, 143) }
```

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

Here you see how a box with a 4 pixel rgb(47, 66, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 66, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 66, 143);  
box-shadow:4px 4px 4px 4px rgb(47, 66,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 69.0970, 36.4342, -19.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 66, 143) }
```

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

```
.background{ background-color: rgb(47, 66,  
143) }
```

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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