

Converting Colors

YUV(71.6730, 36.1502,
-21.6382)

Have a look what the booklet for
YUV(71.6730, 36.1502, -21.6382)
contains.

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Color

**YUV(71.6730, 36.1502,
-21.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	2F4691
RGB	47, 70, 145
RGB Percent	18%, 27%, 57%
CMY	0.8157, 0.7255, 0.4314
CMYK	0.68, 0.52, 0.00, 0.43
HSL	226°, 51%, 38%
HSV	226°, 68%, 57%
XYZ	8.4733, 7.0290, 27.6982
YIQ	71.6730, -37.7830, 18.4490

Conversions

Conversions Part 2

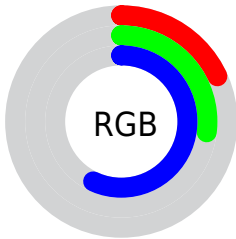
Format	Color
R_{YB}	47, 66, 145
Decimal	3098257
CIE _{Lab}	31.87, 17.01, -44.19
CIE _{LCh}	32, 47.347, 291.059
Yxy	7.0290, 0.1961, 0.1627
Android (android.graphics.Color)	4281288337 (0xFF2F4691)
YUV	71.6730, 36.1502, -21.6382
Hunter-Lab	26.5122, 10.6520, -43.3836

Details

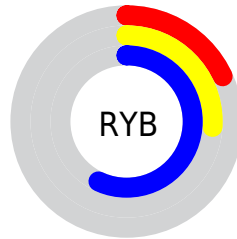
The YUV color **71.6730, 36.1502, -21.6382** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **120.3270, -36.1502, 21.6382**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.1620, 37.8811, -16.8051**, and **27.1520, 32.9561, -23.8123** is the 20% darker color. If you saturate the color by 10%, you get **60.7310, 41.5446, -25.1971**, and if you desaturate by 10%, it is **82.3160, 30.9032, -18.6941**.

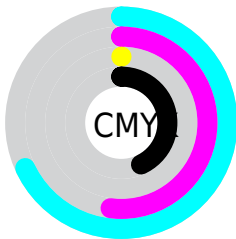
Distribution



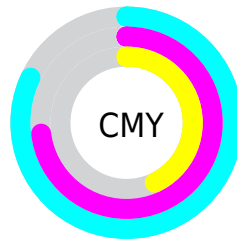
- Red (18%)
- Green (27%)
- Blue (57%)



- Red (18%)
- Yellow (26%)
- Blue (57%)



- Cyan (68%)
- Magenta (52%)
- Yellow (0%)
- Black (43%)



- Cyan (82%)
- Magenta (73%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6730, 36.1502, -21.6382 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 71.6730, 36.1502, -21.6382 by changing the saturation by 10% instead.

■ 71.6730, 36.1502,
-21.6382

■ 71.6730, 36.1502,
-21.6382

■ 255.0000, 0.0000,
0.0000

■ 43.5360, 37.2038,
-32.9191

■ 123.1620, 37.8811,
-16.8051

■ 27.1520, 32.9561,
-23.8123

■ 149.4010, 38.7493,
-15.2607

■ 8.5670, 30.2865,
-7.5133

■ 176.7000, 38.6019,
-14.6459

■ 7.5920, 18.9351,
-6.6582

■ 200.9210, 26.6609,
-11.3317

■ 3.4370, 10.6306,
-3.0142

■ 226.0280, 14.2832,
-7.9176

■ 0.0000, 0.0000,
0.0000

■ 252.0210, 1.4686,

-4.4034

■ 71.6730, 36.1502,
-21.6382

■ 71.6730, 36.1502,
-21.6382

■ 60.7310, 41.5446,
-25.1971

■ 82.3160, 30.9032,
-18.6941

■ 50.0880, 46.7916,
-28.1412

■ 93.2580, 25.5088,
-15.1353

■ 39.1460, 52.1860,
-31.7000

■ 104.2000, 20.1144,
-11.5764

■ 36.4880, 53.4964,
-32.0000

■ 114.8430, 14.8674,
-8.6323

■ 125.4860, 9.6204,
-5.6882

■ 137.0150, 3.9366,
-2.6442

■ 147.6580, -1.3104,
0.2999

■ 158.6000, -6.7048,
3.8588

■ 169.2430,
-11.9518, 6.8029

Harmonies

Analogous

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



65.7070, 41.0634, -57.6250



71.6730, 36.1502, -21.6382



76.7240, 22.3211, 27.4291

Triad

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



71.6730, 36.1502, -21.6382



70.6090, -26.9222, 48.5779



60.4850, 0.7469, -53.0453

Complementary

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



71.6730, 36.1502, -21.6382



120.3270, -36.1502, 21.6382

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.



56.4850, -16.0151, -43.3983



71.6730, 36.1502, -21.6382



70.7020, -34.8561, 26.5713

Square

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



71.6730, 36.1502, -21.6382



68.8060, -8.7784, 62.4371



67.5800, -33.3169, -0.5087



65.5180, 17.4926, -57.4593

Rectangle

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



71.6730, 36.1502, -21.6382



72.8640, 13.3780, 49.2313



67.5800, -33.3169, -0.5087



58.4160, -4.6421, -51.2308

Sweetspot

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



71.6730, 36.1502, -21.6382



160.6150, 13.9938, -8.4324



112.9620, 3.9627, -57.8487



77.4430, 8.1626, -4.7735



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.



71.6730, 36.1502, -21.6382



74.5740, 56.4120, -33.8294



65.6470, 39.1210, 5.5716



65.9720, 2.4788, -1.7294



34.1740, 49.7072, -29.9706



2.0860, 2.9156, -1.8294

Inverse Universe

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



78.9240, -4.3995, 57.9487



85.8510, -6.8285, 90.4617



126.6520, -39.2684, -4.9568



66.3210, -0.1583, 4.1035



44.0130, -5.9224, 79.7956



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 71.6730, 36.1502, -21.6382 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 71.6730, 36.1502, -21.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

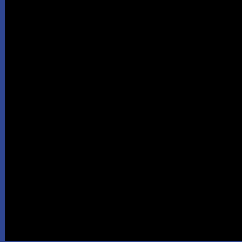
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.6730, 36.1502, -21.6382

Background



This preview shows how black text looks on a background with the YUV color 71.6730, 36.1502, -21.6382.



This preview shows how white text looks on a background with the YUV color 71.6730, 36.1502,

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

71.6730, 36.1502, -21.6382

Protanopia

67.0950, 39.3932, -35.1633

Deuteranopia

59.8880, 36.5372, -52.5218



Tritanopia

58.9810, 15.2924, -51.7263

Trichromacy



Original Color

71.6730, 36.1502, -21.6382

Protanomaly

68.4870, 38.2139, -30.2451

Deuteranomaly

64.2530, 36.3573, -41.4409

Tritanomaly

63.4090, 22.9694, -40.7007

Monochromacy



Original Color

71.6730, 36.1502, -21.6382

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8000, 13.4096, -7.7176

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6730, 36.1502, -21.6382 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, 70, 145)` looks like.

```
.text, #text, p{  
    color:rgb(47, 70, 145)  
}
```

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, 70, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 70, 145) }
```

Border

The CSS property to change the border of an element to YUV 71.6730, 36.1502, -21.6382 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, 70, 145) }
```


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

```
.border{ border-color:rgb(47, 70, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 70, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 70, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 70, 145);  
box-shadow:4px 4px 4px 4px rgb(47, 70,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 71.6730, 36.1502, -21.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 70, 145) }
```

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

```
.background{ background-color: rgb(47, 70,  
145) }
```

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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