

Converting Colors

YUV(70.2990, 57.0406, -2.0162)

Have a look what the booklet for
YUV(70.2990, 57.0406, -2.0162)
contains.

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Color

**YUV(70.2990, 57.0406,
-2.0162)**

Conversions

Conversions Part 1

Format	Color
Hex	4431BA
RGB	68, 49, 186
RGB Percent	27%, 19%, 73%
CMY	0.7333, 0.8078, 0.2706
CMYK	0.63, 0.74, 0.00, 0.27
HSL	248°, 58%, 46%
HSV	248°, 74%, 73%
XYZ	12.3451, 6.9707, 47.1492
YIQ	70.2990, -32.6530, 46.6350

Conversions

Conversions Part 2

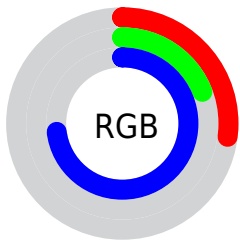
Format	Color
R _Y B	68, 49, 186
Decimal	4469178
CIE Lab	31.74, 47.44, -69.00
CIE LCh	32, 83.733, 304.509
Yxy	6.9707, 0.1857, 0.1049
Android (android.graphics.Color)	4282659258 (0xFF4431BA)
YUV	70.2990, 57.0406, -2.0162
Hunter-Lab	26.4022, 37.2593, -87.3991

Details

The YUV color **70.2990, 57.0406, -2.0162** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **164.7010, -57.0406, 2.0162**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.0980, 58.6187, 5.1761**, and **15.5210, 56.9311, -13.6119** is the 20% darker color. If you saturate the color by 10%, you get **54.3620, 64.8975, -2.0715**, and if you desaturate by 10%, it is **86.2360, 49.1837, -1.9610**.

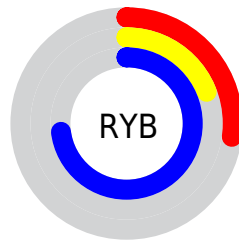
Distribution



Red (27%)

Green (19%)

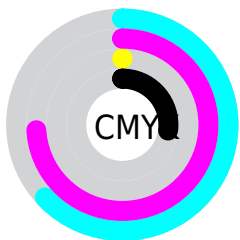
Blue (73%)



Red (27%)

Yellow (19%)

Blue (73%)

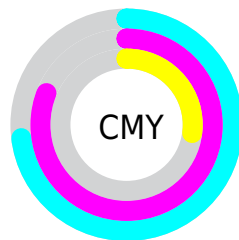


Cyan (63%)

Magenta (74%)

Yellow (0%)

Black (27%)



Cyan (73%)

Magenta (81%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2990, 57.0406, -2.0162 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 70.2990, 57.0406, -2.0162 by changing the saturation by 10% instead.

■ 70.2990, 57.0406,
-2.0162

■ 70.2990, 57.0406,
-2.0162

■ 255.0000, 0.0000,
0.0000

■ 41.3580, 57.5045,
-10.8380

■ 124.0980, 58.6187,
5.1761

■ 15.5210, 56.9311,
-13.6119

■ 148.8120, 52.3507,
8.9349

■ 11.9700, 45.8638,
-10.4977

■ 173.6310, 40.1149,
13.4786

■ 9.7070, 34.6544,
-8.5130

■ 198.4500, 27.8792,
18.0224

■ 9.3190, 23.0137,
-8.1728

■ 223.8560, 15.3540,
22.0513

■ 5.0500, 14.2723,
-4.4289

■ 242.0860, 6.3666,

■ 0.7980, 3.0576,

11.3256

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 70.2990, 57.0406,
-2.0162

■ 70.2990, 57.0406,
-2.0162

■ 54.3620, 64.8975,
-2.0715

■ 86.2360, 49.1837,
-1.9610

■ 39.0120, 72.4651,
-2.6415

■ 101.5860, 41.6161,
-1.3909

■ 28.9780, 77.4118,
-2.6117

■ 117.5230, 33.7592,
-1.3357

■ 132.8730, 26.1916,
-0.7656

■ 148.8100, 18.3347,
-0.7104

■ 164.7470, 10.4777,
-0.6551

■ 180.0970, 2.9102,
-0.0851

■ 196.0340, -4.9468,
-0.0298

■ 211.3840,
-12.5143, 0.5402

Harmonies

Analogous

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



72.6610, 67.7081, -63.7237



70.2990, 57.0406, -2.0162



61.5070, 35.2460, 81.9934

Triad

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



70.2990, 57.0406, -2.0162



66.7800, -32.9225, 59.8289



67.1020, 8.3307, -58.8485

Complementary

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



70.2990, 57.0406, -2.0162



164.7010, -57.0406, 2.0162

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.



56.1070, -26.1818, -49.2058



70.2990, 57.0406, -2.0162



69.7280, -34.3759, 12.5165

Square

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



70.2990, 57.0406, -2.0162



50.8300, -25.0592, 104.5121



52.8300, -26.0452, -46.3319



75.0990, 36.4332, -65.8618

Rectangle

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



70.2990, 57.0406, -2.0162



63.1830, 13.2208, 99.8175



52.8300, -26.0452, -46.3319



63.7790, -1.8630, -55.9342

Sweetspot

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



70.2990, 57.0406, -2.0162



197.1350, 22.1184, -0.9954



134.4710, 25.4038, -74.9581



95.7300, 12.9511, -0.6402



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



70.2990, 57.0406, -2.0162



62.2520, 88.6158, -2.8520



90.6310, 47.0169, 39.7886



84.3250, 3.7838, -0.2850



24.3620, 64.8975, -2.0715



4.3880, 11.6407, -0.3403

Inverse Universe

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



103.4150, 31.3474, 72.4270



113.6630, 48.9731, 112.5515



144.3690, -47.0169, -39.7886



86.6030, 2.1677, 4.7332



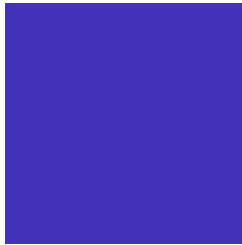
61.9200, 35.5354, 82.5082



11.1080, 6.3558, 14.8143

Previews

White Background



This preview shows how the YUV color 70.2990, 57.0406, -2.0162 looks on a white background.

Color Contrast Check

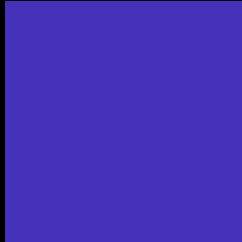
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.2990, 57.0406, -2.0162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

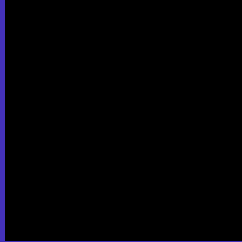
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.2990, 57.0406, -2.0162

Background



This preview shows how black text looks on a background with the YUV color 70.2990, 57.0406, -2.0162.



This preview shows how white text looks on a background with the YUV color 70.2990, 57.0406, -2.0162.

-2.0162.

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

70.2990, 57.0406, -2.0162

Protanopia

59.5920, 45.5571, -52.2622

Deuteranopia

60.0190, 34.5006, -52.6367



Tritanopia

58.8670, 14.8556, -51.6264

Trichromacy



Original Color

70.2990, 57.0406, -2.0162

Protanomaly

63.7390, 49.4287, -33.9741

Deuteranomaly

63.9040, 42.4453, -34.1188

Tritanomaly

63.2880, 29.9310, -33.5786

Monochromacy



Original Color

70.2990, 57.0406, -2.0162

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7930, 20.8081, -0.6955

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2990, 57.0406, -2.0162 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(68, 49, 186)` looks like.

```
.text, #text, p{  
    color:rgb(68, 49, 186)  
}
```

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(68, 49, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 49, 186) }
```

Border

The CSS property to change the border of an element to YUV 70.2990, 57.0406, -2.0162 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(68, 49, 186) }
```


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

```
.border{ border-color:rgb(68, 49, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 49, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 49, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 49, 186);  
box-shadow:4px 4px 4px 4px rgb(68, 49,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 70.2990, 57.0406, -2.0162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 49, 186) }
```

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

```
.background{ background-color: rgb(68, 49,  
186) }
```

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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