

Converting Colors

YUV(76.8530, 36.5545,
-11.2721)

Have a look what the booklet for
YUV(76.8530, 36.5545, -11.2721)
contains.

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Color

**YUV(76.8530, 36.5545,
-11.2721)**

Conversions

Conversions Part 1

Format	Color
Hex	404597
RGB	64, 69, 151
RGB Percent	25%, 27%, 59%
CMY	0.7490, 0.7294, 0.4078
CMYK	0.58, 0.54, 0.00, 0.41
HSL	237°, 40%, 42%
HSV	237°, 58%, 59%
XYZ	9.8284, 7.5806, 30.2233
YIQ	76.8530, -29.3020, 24.4420

Conversions

Conversions Part 2

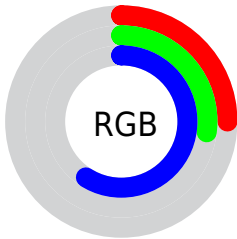
Format	Color
R_{YB}	64, 69, 151
Decimal	4212119
CIE _{Lab}	33.09, 23.07, -45.82
CIE _{LCh}	33, 51.302, 296.729
Yxy	7.5806, 0.2063, 0.1591
Android (android.graphics.Color)	4282402199 (0xFF404597)
YUV	76.8530, 36.5545, -11.2721
Hunter-Lab	27.5329, 15.5364, -45.8107

Details

The YUV color **76.8530, 36.5545, -11.2721** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **138.1470, -36.5545, 11.2721**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.7440, 38.5802, -7.6685**, and **26.5480, 35.7188, -23.2826** is the 20% darker color. If you saturate the color by 10%, you get **64.1500, 42.8171, -13.2865**, and if you desaturate by 10%, it is **89.5560, 30.2919, -9.2576**.

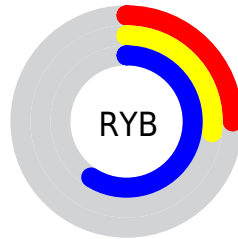
Distribution



 Red (25%)

 Green (27%)

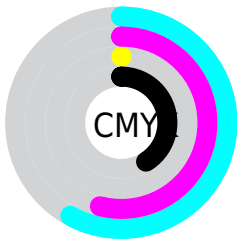
 Blue (59%)




 Red (25%)

 Yellow (27%)

 Blue (59%)

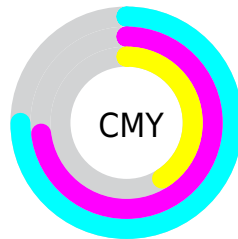


 Cyan (58%)

 Magenta (54%)

 Yellow (0%)

 Black (41%)



 Cyan (75%)

 Magenta (73%)

 Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8530, 36.5545, -11.2721 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 76.8530, 36.5545, -11.2721 by changing the saturation by 10% instead.

■ 76.8530, 36.5545,
-11.2721

■ 76.8530, 36.5545,
-11.2721

■ 255.0000, 0.0000,
0.0000

■ 52.0050, 35.9865,
-15.7904

■ 127.7440, 38.5802,
-7.6685

■ 26.5480, 35.7188,
-23.2826

■ 154.5700, 39.1590,
-6.6389

■ 9.7240, 32.1811,
-8.5279

■ 180.5980, 36.6802,
-4.9094

■ 8.1620, 21.1191,
-7.1581

■ 204.8190, 24.7392,
-1.5953

■ 4.4800, 12.0884,
-3.9290

■ 229.9260, 12.3615,
1.8189

■ 0.0000, 0.0000,
0.0000

253.8260, 0.5788,

1.0296

■ 76.8530, 36.5545,
-11.2721

■ 76.8530, 36.5545,
-11.2721

■ 64.1500, 42.8171,
-13.2865

■ 89.5560, 30.2919,
-9.2576

■ 51.4470, 49.0796,
-15.3010

■ 102.2590, 24.0293,
-7.2431

■ 38.1570, 55.6316,
-16.8007

■ 115.5490, 17.4773,
-5.7435

■ 25.4540, 61.8942,
-18.8152

■ 128.2520, 11.2148,
-3.7290

■ 22.4970, 63.3520,
-19.7299

■ 140.9550, 4.9522,
-1.7145

■ 153.9570, -1.4578,
0.9147

■ 167.2470, -8.0098,
2.4144

■ 179.9500,
-14.2723, 4.4289

■ 192.6530,
-20.5349, 6.4433

Harmonies

Analogous

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



67.5480, 45.5788, -59.2396



76.8530, 36.5545, -11.2721



77.7900, 22.2885, 37.8952

Triad

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



76.8530, 36.5545, -11.2721



72.3720, -34.2004, 49.6628



63.9730, 3.9573, -56.1043

Complementary

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



76.8530, 36.5545, -11.2721



138.1470, -36.5545, 11.2721

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.



57.3100, -13.9568, -50.2609



76.8530, 36.5545, -11.2721



73.6260, -36.2976, 22.2530

Square

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



76.8530, 36.5545, -11.2721



69.8020, -12.7204, 66.8256



68.4220, -33.7320, -7.3861



68.6470, 21.8660, -60.2034

Rectangle

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



76.8530, 36.5545, -11.2721



72.4030, 12.6193, 59.2826



68.4220, -33.7320, -7.3861



62.3770, -2.1579, -54.7046

Sweetspot

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



76.8530, 36.5545, -11.2721



167.9360, 13.8356, -4.3289



124.3030, 10.2036, -52.8857



82.7530, 8.0098, -2.4144



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



76.8530, 36.5545, -11.2721



81.0860, 56.6526, -17.6154



85.2800, 32.4000, 14.6634



69.9120, 3.4944, -0.7998



20.6560, 58.8366, -18.1153



2.0690, 5.3890, -1.8145

Inverse Universe

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



90.5830, -10.6404, 52.9857



102.2770, -16.4056, 82.1951



129.7200, -32.4000, -14.6634



71.3920, -1.1793, 4.9182



42.7720, -17.1426, 85.2690



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 76.8530, 36.5545, -11.2721 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 76.8530, 36.5545, -11.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

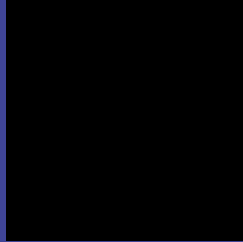
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8530, 36.5545, -11.2721

Background



This preview shows how black text looks on a background with the YUV color 76.8530, 36.5545, -11.2721.



This preview shows how white text looks on a background with the YUV color 76.8530, 36.5545,

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

76.8530, 36.5545, -11.2721

Protanopia

67.0060, 44.3670, -43.8553

Deuteranopia

62.2190, 37.8530, -54.5661



Tritanopia

71.6420, 9.5435, -27.7500

Trichromacy



Original Color

76.8530, 36.5545, -11.2721

Protanomaly

70.6870, 41.5663, -32.1745

Deuteranomaly

67.2040, 37.3674, -38.7669

Tritanomaly

73.9060, 19.2733, -21.8426

Monochromacy



Original Color

76.8530, 36.5545, -11.2721

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8220, 13.3988, -4.2289

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8530, 36.5545, -11.2721 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(64, 69, 151)` looks like.

```
.text, #text, p{  
    color:rgb(64, 69, 151)  
}
```

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(64, 69, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 69, 151) }
```

Border

The CSS property to change the border of an element to YUV 76.8530, 36.5545, -11.2721 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(64, 69, 151) }
```


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

```
.border{ border-color:rgb(64, 69, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 69, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 69, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 69, 151);  
box-shadow:4px 4px 4px 4px rgb(64, 69,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 76.8530, 36.5545, -11.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 69, 151) }
```

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

```
.background{ background-color: rgb(64, 69,  
151) }
```

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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