

Converting Colors

YUV(89.2770, 36.8384, -9.0129)

Have a look what the booklet for
YUV(89.2770, 36.8384, -9.0129)
contains.

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Color

**YUV(89.2770, 36.8384,
-9.0129)**

Conversions

Conversions Part 1

Format	Color
Hex	4F50A4
RGB	79, 80, 164
RGB Percent	31%, 31%, 64%
CMY	0.6902, 0.6863, 0.3569
CMYK	0.52, 0.51, 0.00, 0.36
HSL	239°, 35%, 48%
HSV	239°, 52%, 64%
XYZ	12.7940, 10.0799, 36.3933
YIQ	89.2770, -27.5600, 25.9120

Conversions

Conversions Part 2

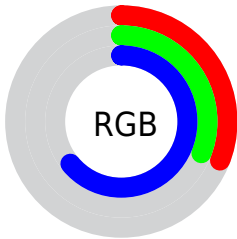
Format	Color
R_{YB}	79, 80, 164
Decimal	5197988
CIE _{Lab}	37.99, 23.55, -45.72
CIE _{LCh}	38, 51.429, 297.254
Yxy	10.0799, 0.2159, 0.1701
Android (android.graphics.Color)	4283388068 (0xFF4F50A4)
YUV	89.2770, 36.8384, -9.0129
Hunter-Lab	31.7489, 16.3701, -45.7390

Details

The YUV color **89.2770, 36.8384, -9.0129** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **153.7230, -36.8384, 9.0129**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8690, 39.0116, -6.0241**, and **38.8690, 35.5606, -19.1791** is the 20% darker color. If you saturate the color by 10%, you get **75.1010, 43.8272, -10.6126**, and if you desaturate by 10%, it is **103.4530, 29.8497, -7.4133**.

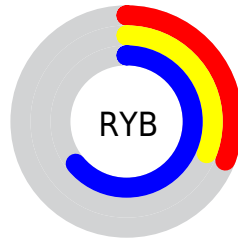
Distribution



Red (31%)

Green (31%)

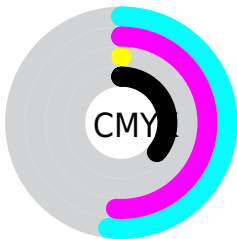
Blue (64%)



Red (31%)

Yellow (31%)

Blue (64%)

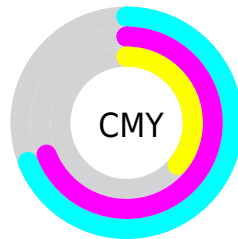


Cyan (52%)

Magenta (51%)

Yellow (0%)

Black (36%)



Cyan (69%)

Magenta (69%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2770, 36.8384, -9.0129 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 89.2770, 36.8384, -9.0129 by changing the saturation by 10% instead.

■ 89.2770, 36.8384,
-9.0129

■ 89.2770, 36.8384,
-9.0129

■ 255.0000, 0.0000,
0.0000

■ 64.3260, 35.8283,
-11.6869

■ 140.8690, 39.0116,
-6.0241

■ 38.8690, 35.5606,
-19.1791

■ 167.6950, 39.5904,
-4.9945

■ 19.1960, 32.9344,
-16.8349

■ 192.7140, 30.7070,
-2.3802

■ 7.1820, 27.5183,
-6.2986

■ 217.8210, 18.3292,
1.0340

■ 6.3210, 16.6037,
-5.5435

■ 242.9280, 5.9515,
4.4481

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 89.2770, 36.8384,
-9.0129

■ 89.2770, 36.8384,
-9.0129

■ 75.1010, 43.8272,
-10.6126

■ 103.4530, 29.8497,
-7.4133

■ 60.6260, 50.9634,
-12.8270

■ 117.9280, 22.7135,
-5.1989

■ 45.8630, 58.2415,
-13.9119

■ 132.6910, 15.4353,
-4.1140

■ 31.3880, 65.3777,
-16.1263

■ 147.1660, 8.2992,
-1.8996

■ 19.8700, 71.0561,
-17.4260

■ 161.3420, 1.3104,
-0.2999

■ 175.5180, -5.6784,
1.2997

■ 189.9930,
-12.8145, 3.5141

■ 204.7560,
-20.0927, 4.5990

■ 219.2310,
-27.2289, 6.8134

Harmonies

Analogous

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



76.0740, 47.7845, -66.7169



89.2770, 36.8384, -9.0129



90.3880, 21.9937, 39.1247

Triad

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



89.2770, 36.8384, -9.0129



84.6710, -34.3478, 50.2775



72.9720, 5.4368, -63.9964

Complementary

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



89.2770, 36.8384, -9.0129



153.7230, -36.8384, 9.0129

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.



66.3090, -12.4773, -58.1530



89.2770, 36.8384, -9.0129



83.9700, -41.3972, 24.5823

Square

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



89.2770, 36.8384, -9.0129



83.6450, -14.6150, 67.8403



78.7550, -38.8262, -6.8011



77.8740, 24.2191, -68.2955

Rectangle

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



89.2770, 36.8384, -9.0129



86.0610, 11.3089, 59.5825



78.7550, -38.8262, -6.8011



70.7890, -0.3890, -62.0820

Sweetspot

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



89.2770, 36.8384, -9.0129



183.8760, 14.8511, -3.3993



138.4710, 12.0928, -52.1561



89.2800, 8.7360, -1.9996



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



89.2770, 36.8384, -9.0129



97.3360, 57.5154, -14.3267



100.9490, 31.0841, 16.7077



74.6130, 3.6418, -1.4146



17.7040, 62.7569, -15.5264



2.0520, 7.8624, -1.7996

Inverse Universe

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



104.5290, -12.0928, 52.1561



120.9950, -18.7315, 81.5654



142.0510, -31.0841, -16.7077



75.8050, -0.8899, 5.4330



43.5830, -20.5004, 88.9427



5.3820, -2.6533, 11.0660

Previews

White Background



This preview shows how the YUV color 89.2770, 36.8384, -9.0129 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 × Fail

Black Background



This preview shows how the YUV color 89.2770, 36.8384, -9.0129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

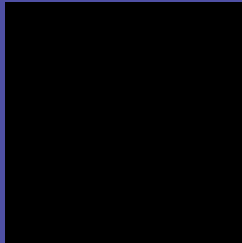
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.2770, 36.8384, -9.0129

Background



This preview shows how black text looks on a background with the YUV color 89.2770, 36.8384, -9.0129.



This preview shows how white text looks on a background with the YUV color 89.2770, 36.8384,

-9.0129.

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

89.2770, 36.8384, -9.0129

Protanopia

82.5340, 43.6137, -35.5483

Deuteranopia

71.7710, 43.9899, -62.9432



Tritanopia

85.1480, 8.8010, -22.9318

Trichromacy



Original Color

89.2770, 36.8384, -9.0129

Protanomaly

84.9050, 40.9658, -26.2267

Deuteranomaly

78.2080, 41.3095, -43.1554

Tritanomaly

86.8140, 18.8257, -18.2539

Monochromacy



Original Color

89.2770, 36.8384, -9.0129

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1210, 13.2513, -3.6141

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2770, 36.8384, -9.0129 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(79, 80, 164)` looks like.

```
.text, #text, p{  
    color:rgb(79, 80, 164)  
}
```

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(79, 80, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 80, 164) }
```

Border

The CSS property to change the border of an element to YUV 89.2770, 36.8384, -9.0129 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(79, 80, 164) }
```


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

```
.border{ border-color:rgb(79, 80, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 80, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 80, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 80, 164);  
box-shadow:4px 4px 4px 4px rgb(79, 80,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 89.2770, 36.8384, -9.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 80, 164) }
```

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

```
.background{ background-color: rgb(79, 80,  
164) }
```

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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