

Converting Colors

YUV(87.7560, 33.6443,
-11.1870)

Have a look what the booklet for
YUV(87.7560, 33.6443, -11.1870)
contains.

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Color

**YUV(87.7560, 33.6443,
-11.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	4B519C
RGB	75, 81, 156
RGB Percent	29%, 32%, 61%
CMY	0.7059, 0.6824, 0.3882
CMYK	0.52, 0.48, 0.00, 0.39
HSL	236°, 35%, 45%
HSV	236°, 52%, 61%
XYZ	11.8448, 9.7810, 32.7161
YIQ	87.7560, -27.6510, 22.0530

Conversions

Conversions Part 2

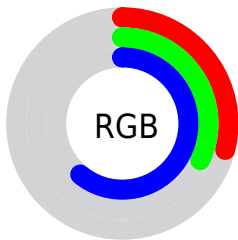
Format	Color
R _Y B	75, 81, 156
Decimal	4936092
CIE Lab	37.45, 19.37, -41.81
CIE LCh	37, 46.078, 294.864
Yxy	9.7810, 0.2180, 0.1800
Android (android.graphics.Color)	4283126172 (0xFF4B519C)
YUV	87.7560, 33.6443, -11.1870
Hunter-Lab	31.2746, 12.8738, -40.1306

Details

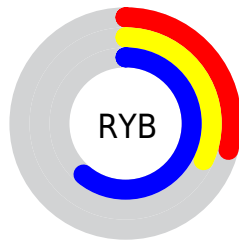
The YUV color **87.7560, 33.6443, -11.1870** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.2440, -33.6443, 11.1870**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.9350, 35.5280, -8.7130**, and **37.4620, 32.8032, -21.4532** is the 20% darker color. If you saturate the color by 10%, you get **74.7540, 40.0543, -13.8163**, and if you desaturate by 10%, it is **100.7580, 27.2343, -8.5578**.

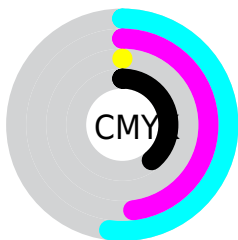
Distribution



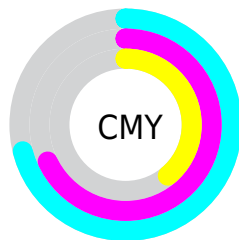
- Red (29%)
- Green (32%)
- Blue (61%)



- Red (29%)
- Yellow (32%)
- Blue (61%)



- Cyan (52%)
- Magenta (48%)
- Yellow (0%)
- Black (39%)



- Cyan (71%)
- Magenta (68%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7560, 33.6443, -11.1870 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 87.7560, 33.6443, -11.1870 by changing the saturation by 10% instead.

■ 87.7560, 33.6443,
-11.1870

■ 87.7560, 33.6443,
-11.1870

■ 255.0000, 0.0000,
0.0000

■ 62.9190, 33.0709,
-13.9610

■ 138.9350, 35.5280,
-8.7130

■ 37.4620, 32.8032,
-21.4532

■ 165.8750, 36.5436,
-7.7834

■ 18.9850, 29.5874,
-16.6498

■ 191.8060, 31.1546,
-5.9689

■ 6.3840, 24.4607,
-5.5988

■ 216.6140, 18.9243,
-3.1695

■ 5.0500, 14.2723,
-4.4289

■ 241.7210, 6.5465,
0.2447

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,

0.0000

■ 87.7560, 33.6443,
-11.1870

■ 87.7560, 33.6443,
-11.1870

■ 74.7540, 40.0543,
-13.8163

■ 100.7580, 27.2343,
-8.5578

■ 61.4640, 46.6062,
-15.3159

■ 114.0480, 20.6823,
-7.0581

■ 48.4620, 53.0162,
-17.9452

■ 127.0500, 14.2724,
-4.4288

■ 35.1720, 59.5682,
-19.4448

■ 140.3400, 7.7204,
-2.9292

■ 24.8280, 64.6678,
-21.7742

■ 153.3420, 1.3104,
-0.2999

■ 166.9310, -5.3890,
1.8145

■ 179.6340,
-11.6516, 3.8290

■ 193.2230,
-18.3509, 5.9434

■ 205.9260,
-24.6135, 7.9579

Harmonies

Analogous

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



73.6460, 43.5585, -64.5875



87.7560, 33.6443, -11.1870



90.4750, 19.9788, 32.0324

Triad

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



87.7560, 33.6443, -11.1870



85.0280, -29.1008, 47.3334



70.7550, 4.5578, -62.0521

Complementary

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



87.7560, 33.6443, -11.1870



143.2440, -33.6443, 11.1870

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.



70.7560, -13.6837, -44.5130



87.7560, 33.6443, -11.1870



82.7960, -40.8184, 25.6119

Square

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



87.7560, 33.6443, -11.1870



84.1710, -12.4093, 60.3630



79.4010, -35.2007, -2.9827



75.0870, 21.1561, -65.8513

Rectangle

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



87.7560, 33.6443, -11.1870



87.4790, 10.6099, 50.4459



79.4010, -35.2007, -2.9827



68.6860, -0.8312, -60.2376

Sweetspot

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



87.7560, 33.6443, -11.1870



176.5230, 13.5462, -4.8437



130.9830, 8.8824, -49.0971



85.7530, 8.0098, -2.4144



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



87.7560, 33.6443, -11.1870



97.6470, 52.4320, -17.2304



94.4000, 30.3688, 12.8042



72.4990, 3.2050, -1.3146



22.7590, 59.2788, -19.9596



2.2970, 6.2626, -2.0145

Inverse Universe

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



99.9030, -9.3192, 49.1971



116.7000, -14.6421, 76.5621



136.6000, -30.3688, -12.8042



73.5060, -0.7425, 4.8182



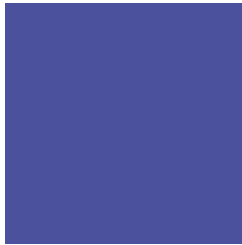
44.0110, -16.2744, 86.8134



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 87.7560, 33.6443, -11.1870 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 87.7560, 33.6443, -11.1870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

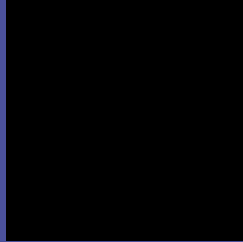
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.7560, 33.6443, -11.1870

Background



This preview shows how black text looks on a background with the YUV color 87.7560, 33.6443, -11.1870.



This preview shows how white text looks on a background with the YUV color 87.7560, 33.6443, -11.1870.

-11.1870.

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

87.7560, 33.6443, -11.1870

Protanopia

83.4980, 38.2085, -28.5007

Deuteranopia

79.3670, 36.7941, -41.5409



Tritanopia

83.7350, 8.5116, -23.4466

Trichromacy



Original Color

87.7560, 33.6443, -11.1870

Protanomaly

85.3740, 36.2976, -22.2530

Deuteranomaly

82.5040, 35.7405, -30.2600

Tritanomaly

85.1730, 17.6627, -18.5687

Monochromacy



Original Color

87.7560, 33.6443, -11.1870

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.5940, 12.5252, -4.0289

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7560, 33.6443, -11.1870 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(75, 81, 156)` looks like.

```
.text, #text, p{  
    color:rgb(75, 81, 156)  
}
```

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(75, 81, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 81, 156) }
```

Border

The CSS property to change the border of an element to YUV 87.7560, 33.6443, -11.1870 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(75, 81, 156) }
```


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

```
.border{ border-color:rgb(75, 81, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 81, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 81, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 81, 156);  
box-shadow:4px 4px 4px 4px rgb(75, 81,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 87.7560, 33.6443, -11.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 81, 156) }
```

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

```
.background{ background-color: rgb(75, 81,  
156) }
```

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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