

Converting Colors

YUV(87.6610, 57.8481,
-27.7667)

Have a look what the booklet for
YUV(87.6610, 57.8481, -27.7667)
contains.

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Color

**YUV(87.6610, 57.8481,
-27.7667)**

Conversions

Conversions Part 1

Format	Color
Hex	3851CD
RGB	56, 81, 205
RGB Percent	22%, 32%, 80%
CMY	0.7804, 0.6824, 0.1961
CMYK	0.73, 0.60, 0.00, 0.20
HSL	230°, 60%, 51%
HSV	230°, 73%, 80%
XYZ	15.5928, 11.1334, 59.0847
YIQ	87.6610, -54.7040, 33.2640

Conversions

Conversions Part 2

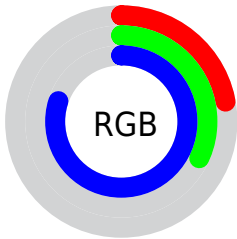
Format	Color
RYB	56, 77, 205
Decimal	3690957
CIELab	39.80, 33.18, -66.92
CIElCh	40, 74.690, 296.374
Yxy	11.1334, 0.1817, 0.1297
Android (android.graphics.Color)	4281881037 (0xFF3851CD)
YUV	87.6610, 57.8481, -27.7667
Hunter-Lab	33.3667, 25.0239, -81.6321

Details

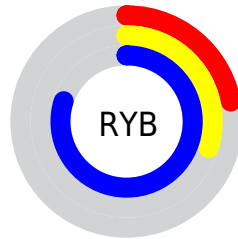
The YUV color **87.6610, 57.8481, -27.7667** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **173.3390, -57.8481, 27.7667**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8580, 55.7790, -17.4155**, and **38.8190, 54.8122, -34.0443** is the 20% darker color. If you saturate the color by 10%, you get **71.4030, 65.8633, -31.9254**, and if you desaturate by 10%, it is **103.9190, 49.8329, -23.6080**.

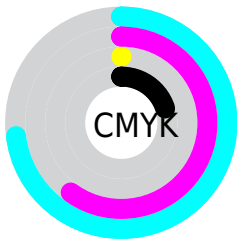
Distribution



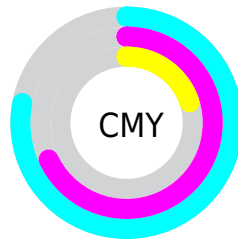
- Red (22%)
- Green (32%)
- Blue (80%)



- Red (22%)
- Yellow (30%)
- Blue (80%)



- Cyan (73%)
- Magenta (60%)
- Yellow (0%)
- Black (20%)



- Cyan (78%)
- Magenta (68%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6610, 57.8481, -27.7667 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 87.6610, 57.8481, -27.7667 by changing the saturation by 10% instead.

■ 87.6610, 57.8481,
-27.7667

■ 87.6610, 57.8481,
-27.7667

■ 255.0000, 0.0000,
0.0000

■ 54.2240, 60.5286,
-47.5544

■ 141.8580, 55.7790,
-17.4155

■ 38.8190, 54.8122,
-34.0443

■ 166.3890, 43.6852,
-11.7422

■ 24.5880, 48.5171,
-21.5637

■ 191.2080, 31.4495,
-7.1984

■ 11.0580, 42.3694,
-9.6979

■ 216.6140, 18.9243,
-3.1695

■ 12.9040, 29.1343,
-11.3168

■ 242.3190, 6.2517,
1.4742

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 87.6610, 57.8481,
-27.7667

■ 87.6610, 57.8481,
-27.7667

■ 71.4030, 65.8633,
-31.9254

■ 103.9190, 49.8329,
-23.6080

■ 55.4440, 73.7311,
-35.4694

■ 119.8780, 41.9651,
-20.0640

■ 43.3280, 79.7043,
-37.9987

■ 136.1360, 33.9500,
-15.9053

■ 152.0950, 26.0822,
-12.3613

■ 168.3530, 18.0670,
-8.2026

■ 184.3120, 10.1992,
-4.6586

■ 200.5700, 2.1840,
-0.4999

■ 216.5290, -5.6838,
3.0441

■ 233.3740,
-13.9884, 6.6880

Harmonies

Analogous

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



86.4870, 64.8359, -75.8491



87.6610, 57.8481, -27.7667



87.7170, 36.6215, 60.7612

Triad

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



87.6610, 57.8481, -27.7667



83.9680, -41.3962, 71.0651



78.2550, 2.8323, -68.6296

Complementary

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



87.6610, 57.8481, -27.7667



173.3390, -57.8481, 27.7667

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.



68.1720, -28.1858, -59.7868



87.6610, 57.8481, -27.7667



88.4220, -43.5920, 28.5709

Square

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



87.6610, 57.8481, -27.7667



62.4240, -9.0830, 113.6382



80.7600, -39.8147, -16.4525



86.0240, 30.0612, -75.4430

Rectangle

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



87.6610, 57.8481, -27.7667



69.4510, 26.8927, 101.3365



80.7600, -39.8147, -16.4525



75.8610, -6.3405, -66.5301

Sweetspot

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



87.6610, 57.8481, -27.7667



210.6670, 21.8562, -10.2320



157.3710, 10.1701, -88.9024



101.3980, 13.1148, -6.4880



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



87.6610, 57.8481, -27.7667



80.0270, 86.2617, -41.2427



87.0390, 58.1548, 13.9978



94.3140, 3.7892, -2.0294



35.3600, 64.4055, -31.0107



7.8540, 14.8620, -6.8880

Inverse Universe

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



103.4010, -11.0437, 89.1023



103.5960, -16.5628, 132.7813



173.9610, -58.1548, -13.9978



95.2180, -0.6005, 5.9478



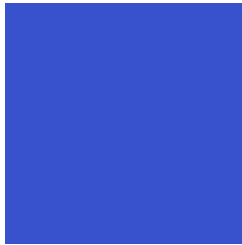
52.8260, -12.2392, 99.2536



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 87.6610, 57.8481, -27.7667 looks on a white background.

Color Contrast Check

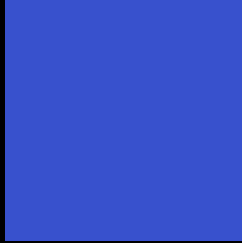
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.6610, 57.8481, -27.7667 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 87.6610, 57.8481, -27.7667

Background



This preview shows how black text looks on a background with the YUV color 87.6610, 57.8481, -27.7667.



This preview shows how white text looks on a background with the YUV color 87.6610, 57.8481, -27.7667.

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

87.6610, 57.8481, -27.7667

Protanopia

74.4900, 56.9464, -65.3277

Deuteranopia

75.0480, 43.8533, -65.8171



Tritanopia

73.7020, 18.3879, -64.6367

Trichromacy



Original Color

87.6610, 57.8481, -27.7667

Protanomaly

79.2790, 57.0505, -51.9877

Deuteranomaly

79.8030, 48.9041, -52.4472

Tritanomaly

78.8620, 32.6060, -51.6220

Monochromacy



Original Color

87.6610, 57.8481, -27.7667

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.5530, 21.4194, -10.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6610, 57.8481, -27.7667 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(56, 81, 205)` looks like.

```
.text, #text, p{  
    color:rgb(56, 81, 205)  
}
```

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(56, 81, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 81, 205) }
```

Border

The CSS property to change the border of an element to YUV 87.6610, 57.8481, -27.7667 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(56, 81, 205) }
```


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

```
.border{ border-color:rgb(56, 81, 205) }
```

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

Here you see how a box with a 4 pixel rgb(56, 81, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 81, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 81, 205);  
box-shadow:4px 4px 4px 4px rgb(56, 81,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 87.6610, 57.8481, -27.7667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 81, 205) }
```

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

```
.background{ background-color: rgb(56, 81,  
205) }
```

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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