

Converting Colors

YUV(67.6360, -4.2575, 59.0782)

Have a look what the booklet for
YUV(67.6360, -4.2575, 59.0782)
contains.

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Color

**YUV(67.6360, -4.2575,
59.0782)**

Conversions

Conversions Part 1

Format	Color
Hex	87233B
RGB	135, 35, 59
RGB Percent	53%, 14%, 23%
CMY	0.4706, 0.8627, 0.7686
CMYK	0.00, 0.74, 0.56, 0.47
HSL	346°, 59%, 33%
HSV	346°, 74%, 53%
XYZ	11.3821, 6.6687, 4.8250
YIQ	67.6360, 51.8960, 28.6640

Conversions

Conversions Part 2

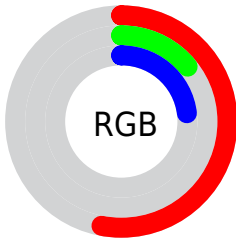
Format	Color
RYB	135, 35, 59
Decimal	8856379
CIE Lab	31.04, 43.69, 10.33
CIE LCh	31, 44.895, 13.303
Yxy	6.6687, 0.4976, 0.2915
Android (android.graphics.Color)	4287046459 (0xFF87233B)
YUV	67.6360, -4.2575, 59.0782
Hunter-Lab	25.8239, 33.4838, 6.9989

Details

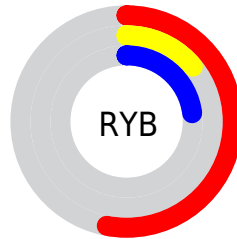
The YUV color **67.6360, -4.2575, 59.0782** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **102.3640, 4.2575, -59.0782**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4470, -7.6154, 62.7520**, and **25.5590, -4.2196, 46.8678** is the 20% darker color. If you saturate the color by 10%, you get **58.2780, -4.5741, 67.2852**, and if you desaturate by 10%, it is **76.9940, -3.9410, 50.8713**.

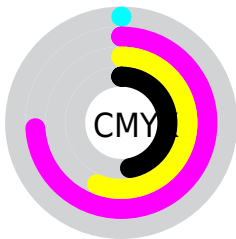
Distribution



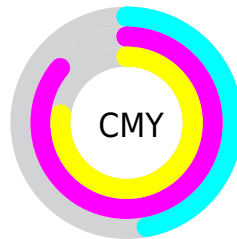
- Red (53%)
- Green (14%)
- Blue (23%)



- Red (53%)
- Yellow (14%)
- Blue (23%)



- Cyan (0%)
- Magenta (74%)
- Yellow (56%)
- Black (47%)



- Cyan (47%)
- Magenta (86%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6360, -4.2575, 59.0782 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 67.6360, -4.2575, 59.0782 by changing the saturation by 10% instead.

67.6360, -4.2575,
59.0782

67.6360, -4.2575,
59.0782

255.0000, 0.0000,
0.0000

36.3250, 0.8258,
61.9820

121.4470, -7.6154,
62.7520

25.5590, -4.2196,
46.8678

148.2300, -8.4944,
64.6963

16.5590, -7.6706,
33.7128

176.0130, -9.3734,
66.6406

3.8870, -1.9163,
7.9921

195.8370, -5.8356,
51.8860

0.0000, 0.0000,
0.0000

215.4650, -1.7082,
34.6722

235.6800, 2.1298,

16.9436

254.4130, 0.2894,
0.5148

■ 67.6360, -4.2575,
59.0782

■ 67.6360, -4.2575,
59.0782

■ 58.2780, -4.5741,
67.2852

■ 76.9940, -3.9410,
50.8713

■ 49.3930, -5.6167,
75.0773

■ 85.8790, -2.8983,
43.0791

■ 44.0130, -5.9224,
79.7956

■ 95.2370, -2.5818,
34.8722

■ 104.0080, -1.9759,
27.1800

■ 113.3660, -1.6594,
18.9730

■ 122.2510, -0.6167,
11.1809

■ 131.6090, -0.3002,
2.9739

■ 140.3800, 0.3057,
-4.7183

■ 149.1510, 0.9116,
-12.4104

Harmonies

Analogous

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



71.2830, 11.1995, 47.9868



67.6360, -4.2575, 59.0782



68.8140, -21.1073, 50.1521

Triad

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



67.6360, -4.2575, 59.0782



60.8850, -22.6213, -24.4551



64.6810, 37.1323, -56.7252

Complementary

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



67.6360, -4.2575, 59.0782



102.3640, 4.2575, -59.0782

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.



65.4500, 27.3861, -57.3997



67.6360, -4.2575, 59.0782



57.5840, -2.7529, -50.5012

Square

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



67.6360, -4.2575, 59.0782



67.0370, -33.0492, 6.9836



62.2750, 12.6824, -54.6152



62.3390, 39.2729, -43.2703

Rectangle

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



67.6360, -4.2575, 59.0782



68.7620, -32.4207, 38.7967



62.2750, 12.6824, -54.6152



65.3990, 34.8063, -57.3549

Sweetspot

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



67.6360, -4.2575, 59.0782



149.8010, -1.3809, 22.9765



68.8250, 32.6243, 36.1105



73.5610, -0.7696, 13.5400



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



67.6360, -4.2575, 59.0782



70.2750, -6.5446, 92.7208



79.5750, -21.9755, 48.6077



61.9080, -0.4476, 3.5887



42.4040, -5.6222, 76.8217



1.0110, -0.0054, 1.7444

Inverse Universe

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



67.6360, -4.2575, 59.0782



70.2750, -6.5446, 92.7208



90.4250, 21.9755, -48.6077



61.9080, -0.4476, 3.5887



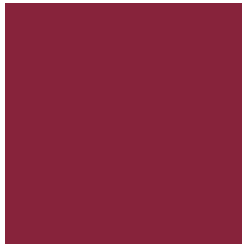
42.4040, -5.6222, 76.8217



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 67.6360, -4.2575, 59.0782 looks on a white background.

Color Contrast Check

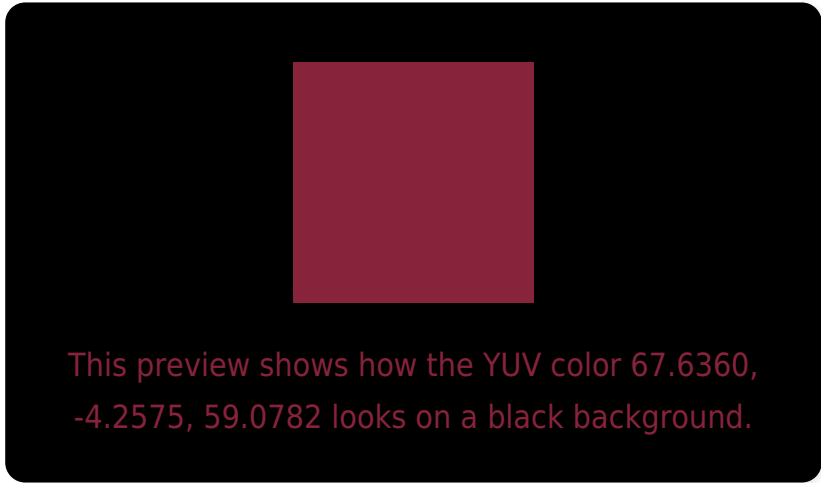
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 67.6360, -4.2575, 59.0782

Background



This preview shows how black text looks on a background with the YUV color 67.6360, -4.2575, 59.0782.



This preview shows how white text looks on a background with the YUV color 67.6360, -4.2575,

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

67.6360, -4.2575, 59.0782

Protanopia

74.7550, 1.5998, 0.2149

Deuteranopia

74.1450, -9.9315, 12.1508



Tritanopia

67.6330, -13.1301, 58.2039

Trichromacy



Original Color

67.6360, -4.2575, 59.0782

Protanomaly

72.3170, -0.6493, 21.6470

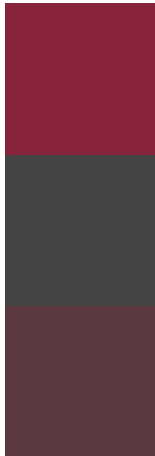
Deuteranomaly

71.8250, -7.8017, 29.0945

Tritanomaly

67.8440, -9.7831, 58.0188

Monochromacy



Original Color

67.6360, -4.2575, 59.0782

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.7900, -1.3755, 21.2322

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6360, -4.2575, 59.0782 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(135, 35, 59)` looks like.

```
.text, #text, p{  
    color:rgb(135, 35, 59)  
}
```

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(135, 35, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 35, 59) }
```

Border

The CSS property to change the border of an element to YUV 67.6360, -4.2575, 59.0782 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(135, 35, 59) }
```


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

```
.border{ border-color:rgb(135, 35, 59) }
```

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

Here you see how a box with a 4 pixel rgb(135, 35, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 35, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 35, 59);  
box-shadow:4px 4px 4px 4px rgb(135, 35,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 67.6360, -4.2575, 59.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 35, 59) }
```

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

```
.background{ background-color: rgb(135, 35,  
59) }
```

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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