

Converting Colors

YUV(59.0130, -9.3734, 66.6406)

Have a look what the booklet for
YUV(59.0130, -9.3734, 66.6406)
contains.

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Color

**YUV(59.0130, -9.3734,
66.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	871828
RGB	135, 24, 40
RGB Percent	53%, 9%, 16%
CMY	0.4706, 0.9059, 0.8431
CMYK	0.00, 0.82, 0.70, 0.47
HSL	351°, 70%, 31%
HSV	351°, 82%, 53%
XYZ	10.7013, 5.9574, 2.5933
YIQ	59.0130, 61.0200, 28.5080

Conversions

Conversions Part 2

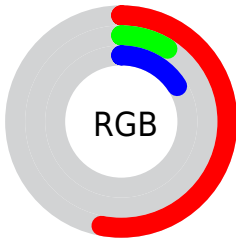
Format	Color
R_{YB}	135, 24, 40
Decimal	8853544
CIE _{Lab}	29.30, 46.16, 20.57
CIE _{LCh}	29, 50.533, 24.018
Yxy	5.9574, 0.5559, 0.3094
Android (android.graphics.Color)	4287043624 (0xFF871828)
YUV	59.0130, -9.3734, 66.6406
Hunter-Lab	24.4077, 35.5480, 10.7858

Details

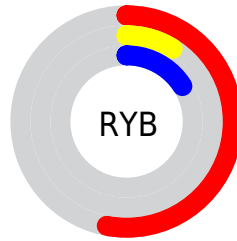
The YUV color **59.0130, -9.3734, 66.6406** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **99.9870, 9.3734, -66.6406**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.6560, -14.6204, 69.5847**, and **23.3220, -11.4977, 47.9526** is the 20% darker color. If you saturate the color by 10%, you get **50.0140, -10.8529, 74.5327**, and if you desaturate by 10%, it is **68.5990, -8.1833, 58.2337**.

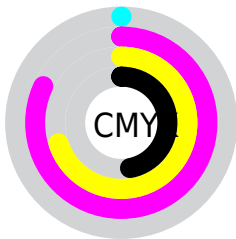
Distribution



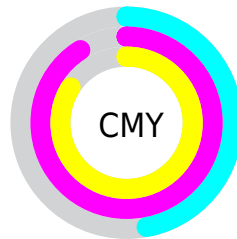
- Red (53%)
- Green (9%)
- Blue (16%)



- Red (53%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (70%)
- Black (47%)



- Cyan (47%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.0130, -9.3734, 66.6406 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 59.0130, -9.3734, 66.6406 by changing the saturation by 10% instead.

■ 59.0130, -9.3734,
66.6406

■ 59.0130, -9.3734,
66.6406

■ 255.0000, 0.0000,
0.0000

■ 33.9740, -6.8892,
63.1668

■ 114.6560,
-14.6204, 69.5847

■ 23.3220, -11.4977,
47.9526

■ 141.6240,
-16.0836, 72.2438

■ 15.7760, -6.7916,
31.7684

■ 169.5920,
-17.5469, 74.9028

■ 0.0000, 0.0000,
0.0000

■ 189.1060,
-13.8563, 57.7890

■ 208.0330, -9.8763,
41.1901

■ 228.1340, -6.4751,

23.5615

248.4630, -2.2003,
5.7329

59.0130, -9.3734,
66.6406

59.0130, -9.3734,
66.6406

50.0140, -10.8529,
74.5327

68.5990, -8.1833,
58.2337

42.5310, -11.6008,
81.0953

77.4840, -7.1406,
50.4415

87.0700, -5.9505,
42.0346

95.9550, -4.9078,
34.2425

105.5410, -3.7177,
25.8355

■ 114.4260, -2.6750,
18.0434

■ 124.0120, -1.4849,
9.6365

■ 132.8970, -0.4422,
1.8443

■ 142.4830, 0.7479,
-6.5626

Harmonies

Analogous

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



59.3390, 9.6929, 64.6007



59.0130, -9.3734, 66.6406



63.1700, -31.1428, 48.9629

Triad

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



59.0130, -9.3734, 66.6406



50.0720, -16.3045, -43.9131



61.4840, 42.6524, -53.9215

Complementary

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



59.0130, -9.3734, 66.6406



99.9870, 9.3734, -66.6406

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.



64.3560, 33.3485, -56.4402



59.0130, -9.3734, 66.6406



56.7350, 1.6096, -49.7566

Square

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



59.0130, -9.3734, 66.6406



61.0570, -30.1011, -5.3120



61.8820, 18.7922, -54.2705



65.9230, 37.0130, -18.3495

Rectangle

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



59.0130, -9.3734, 66.6406



65.1310, -32.1096, 32.3341



61.8820, 18.7922, -54.2705



63.4900, 40.1844, -55.6807

Sweetspot

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



59.0130, -9.3734, 66.6406



145.8400, -3.8651, 26.4503



64.7600, 34.6283, 46.6915



70.5290, -2.2328, 16.1991



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.



59.0130, -9.3734, 66.6406



56.8760, -14.7289, 104.4717



80.0820, -27.6484, 48.1631



61.9080, -0.4476, 3.5887



41.0360, -10.8637, 78.0214



0.8970, -0.4422, 1.8443

Inverse Universe

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



59.0130, -9.3734, 66.6406



56.8760, -14.7289, 104.4717



78.9180, 27.6484, -48.1631



61.9080, -0.4476, 3.5887



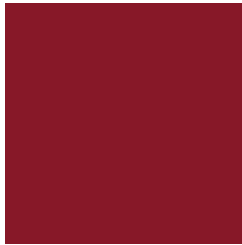
41.0360, -10.8637, 78.0214



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 59.0130, -9.3734, 66.6406 looks on a white background.

Color Contrast Check

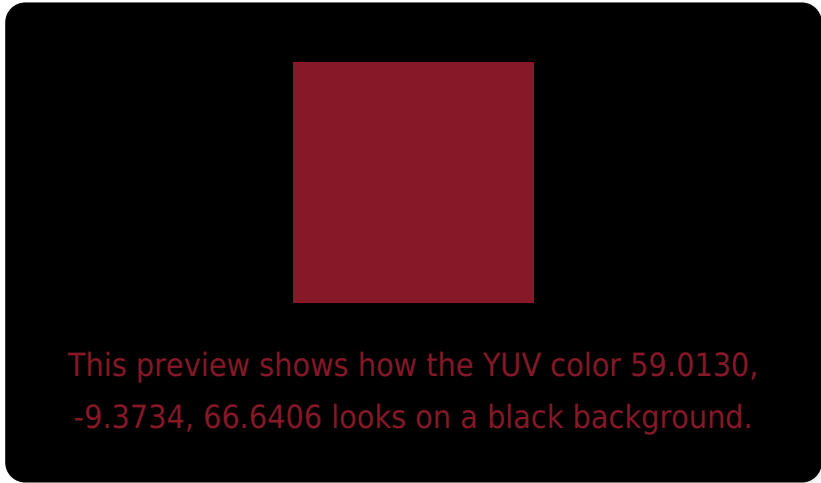
Large Text (above 18pt) WCAG AA ✓ Pass

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

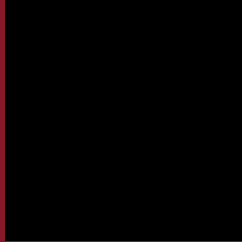
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.0130, -9.3734, 66.6406

Background



This preview shows how black text looks on a background with the YUV color 59.0130, -9.3734, 66.6406.



This preview shows how white text looks on a background with the YUV color 59.0130, -9.3734,

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

59.0130, -9.3734, 66.6406

Protanopia

70.6000, -6.7048, 3.8588

Deuteranopia

70.1040, -17.7993, 15.6948



Tritanopia

59.2920, -15.9200, 66.3959

Trichromacy



Original Color

59.0130, -9.3734, 66.6406

Protanomaly

66.5150, -7.6489, 26.7353

Deuteranomaly

66.0230, -14.8013, 34.1828

Tritanomaly

59.2750, -13.4466, 66.4108

Monochromacy



Original Color

59.0130, -9.3734, 66.6406

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9430, -3.4229, 24.6060

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.0130, -9.3734, 66.6406 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, 24, 40)` looks like.

```
.text, #text, p{  
    color:rgb(135, 24, 40)  
}
```

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, 24, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 24, 40) }
```

Border

The CSS property to change the border of an element to YUV 59.0130, -9.3734, 66.6406 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, 24, 40) }
```


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

```
.border{ border-color:rgb(135, 24, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 24, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 24, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 24, 40);  
box-shadow:4px 4px 4px 4px rgb(135, 24,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 59.0130, -9.3734, 66.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 24, 40) }
```

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

```
.background{ background-color: rgb(135, 24,  
40) }
```

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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