

Converting Colors

YUV(69.5400, -5.1962, 80.2104)

Have a look what the booklet for
YUV(69.5400, -5.1962, 80.2104)
contains.

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Color

**YUV(69.5400, -5.1962,
80.2104)**

Conversions

Conversions Part 1

Format	Color
Hex	A1193B
RGB	161, 25, 59
RGB Percent	63%, 10%, 23%
CMY	0.3686, 0.9020, 0.7686
CMYK	0.00, 0.84, 0.63, 0.37
HSL	345°, 73%, 36%
HSV	345°, 84%, 63%
XYZ	15.8350, 8.5881, 4.9607
YIQ	69.5400, 70.1420, 39.4060

Conversions

Conversions Part 2

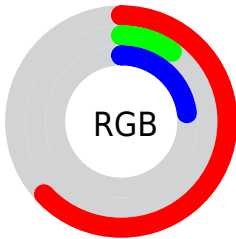
Format	Color
R_{YB}	161, 25, 59
Decimal	10557755
CIE Lab	35.18, 54.53, 16.81
CIE LCh	35, 57.058, 17.132
Yxy	8.5881, 0.5389, 0.2923
Android (android.graphics.Color)	4288747835 (0xFFA1193B)
YUV	69.5400, -5.1962, 80.2104
Hunter-Lab	29.3055, 45.1666, 10.4774

Details

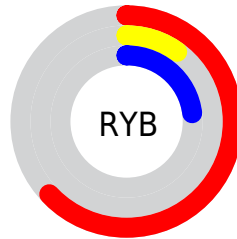
The YUV color **69.5400, -5.1962, 80.2104** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **116.4600, 5.1962, -80.2104**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.6450, -11.1640, 80.9953**, and **32.4360, -7.6099, 61.0076** is the 20% darker color. If you saturate the color by 10%, you get **58.7800, -5.8075, 89.6469**, and if you desaturate by 10%, it is **80.3000, -4.5849, 70.7739**.

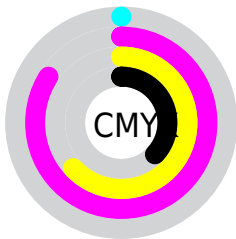
Distribution



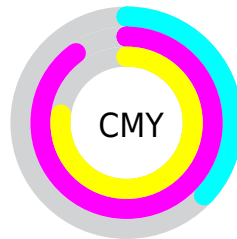
- Red (63%)
- Green (10%)
- Blue (23%)



- Red (63%)
- Yellow (10%)
- Blue (23%)



- Cyan (0%)
- Magenta (84%)
- Yellow (63%)
- Black (37%)



- Cyan (37%)
- Magenta (90%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.5400, -5.1962, 80.2104 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 69.5400, -5.1962, 80.2104 by changing the saturation by 10% instead.

69.5400, -5.1962,
80.2104

69.5400, -5.1962,
80.2104

255.0000, 0.0000,
0.0000

43.5010, -2.7120,
76.7366

128.6450,
-11.1640, 80.9953

32.4360, -7.6099,
61.0076

156.6130,
-12.6272, 83.6544

22.1260, -10.9081,
45.4935

176.9100, -9.8156,
68.4849

13.6830, -5.7597,
27.4650

196.4240, -6.1250,
51.3712

0.0000, 0.0000,
0.0000

215.9380, -2.4344,
34.2574

236.2670, 1.8404,

16.4288

■ 69.5400, -5.1962,
80.2104

■ 69.5400, -5.1962,
80.2104

■ 58.7800, -5.8075,
89.6469

■ 80.3000, -4.5849,
70.7739

■ 52.6990, -6.2606,
94.9800

■ 91.0600, -3.9736,
61.3374

■ 101.8200, -3.3623,
51.9009

■ 112.5800, -2.7509,
42.4643

■ 123.9270, -2.4290,
32.5130

■ 134.6870, -1.8177,
23.0765

■ 145.5610, -0.7696,
13.5400

■ 156.3210, -0.1583,
4.1035

■ 167.0810, 0.4531,
-5.3330

Harmonies

Analogous

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



74.0390, 14.7708, 69.2488



69.5400, -5.1962, 80.2104



75.4860, -30.3126, 62.7178

Triad

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



69.5400, -5.1962, 80.2104



58.3350, -25.3082, -49.4058



74.7860, 47.9265, -65.5873

Complementary

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



69.5400, -5.1962, 80.2104



116.4600, 5.1962, -80.2104

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.



76.2730, 35.8544, -66.8914



69.5400, -5.1962, 80.2104



66.2410, -2.5838, -58.0934

Square

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



69.5400, -5.1962, 80.2104



75.2660, -37.1061, 1.5207



72.1860, 17.6563, -63.3071



66.1660, 51.6832, -57.1506

Rectangle

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



69.5400, -5.1962, 80.2104



77.9000, -38.4047, 44.8147



72.1860, 17.6563, -63.3071



75.9770, 44.8743, -66.6318

Sweetspot

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



69.5400, -5.1962, 80.2104



174.0300, -1.9868, 30.6687



71.0020, 44.3690, 49.1102



83.4800, -1.2226, 18.8730



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



69.5400, -5.1962, 80.2104



68.4190, -8.0946, 123.2895



85.6220, -29.8866, 66.1065



75.9190, -0.4531, 5.3330



47.4590, -5.6493, 85.5435



5.8380, -0.9061, 10.6661

Inverse Universe

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



69.5400, -5.1962, 80.2104



68.4190, -8.0946, 123.2895



100.3780, 29.8866, -66.1065



75.9190, -0.4531, 5.3330



47.4590, -5.6493, 85.5435



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 69.5400, -5.1962, 80.2104 looks on a white background.

Color Contrast Check

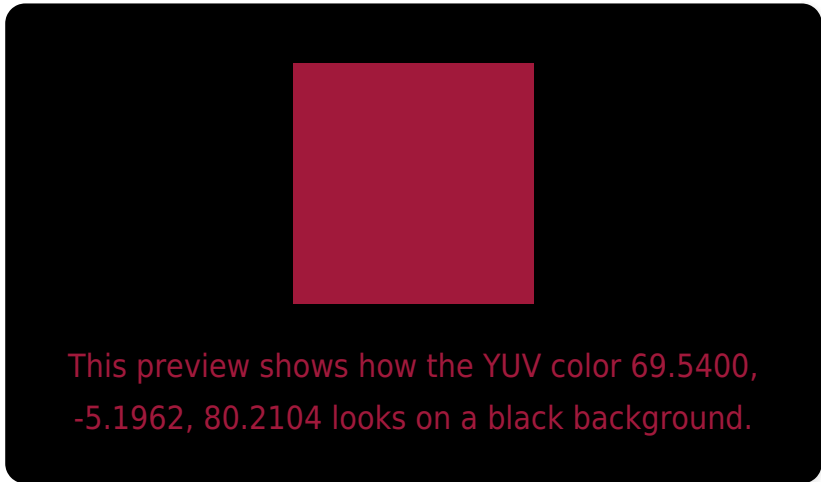
Large Text (above 18pt) WCAG AA ✓ Pass

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

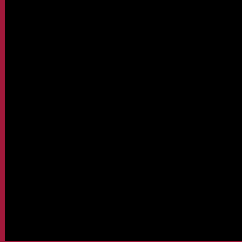
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.5400, -5.1962, 80.2104

Background



This preview shows how black text looks on a background with the YUV color 69.5400, -5.1962, 80.2104.



This preview shows how white text looks on a background with the YUV color 69.5400, -5.1962,

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

69.5400, -5.1962, 80.2104

Protanopia

84.4840, -0.7316, 1.3295

Deuteranopia

83.9730, -15.7627, 15.8097



Tritanopia

70.2720, -18.8681, 78.6915

Trichromacy



Original Color

69.5400, -5.1962, 80.2104

Protanomaly

79.2040, -2.5656, 29.6391

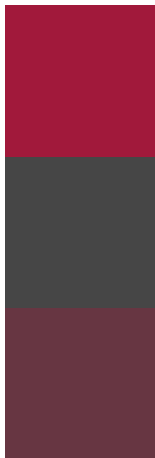
Deuteranomaly

78.8540, -11.7600, 38.7160

Tritanomaly

69.6510, -13.6319, 79.2361

Monochromacy



Original Color

69.5400, -5.1962, 80.2104

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0190, -1.9814, 28.9243

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.5400, -5.1962, 80.2104 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(161, 25, 59)` looks like.

```
.text, #text, p{  
    color:rgb(161, 25, 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(161, 25, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 25, 59) }
```

Border

The CSS property to change the border of an element to YUV 69.5400, -5.1962, 80.2104 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(161, 25, 59) }
```


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

```
.border{ border-color:rgb(161, 25, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 25, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 25, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 25, 59);  
box-shadow:4px 4px 4px 4px rgb(161, 25,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 69.5400, -5.1962, 80.2104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 25, 59) }
```

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

```
.background{ background-color: rgb(161, 25,  
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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