

Converting Colors

YUV(55.4310, -6.6215, 70.6590)

Have a look what the booklet for
YUV(55.4310, -6.6215, 70.6590)
contains.

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Color

**YUV(55.4310, -6.6215,
70.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	88112A
RGB	136, 17, 42
RGB Percent	53%, 7%, 16%
CMY	0.4667, 0.9333, 0.8353
CMYK	0.00, 0.88, 0.69, 0.47
HSL	347°, 78%, 30%
HSV	347°, 88%, 53%
XYZ	10.7717, 5.8023, 2.7427
YIQ	55.4310, 62.8990, 33.0030

Conversions

Conversions Part 2

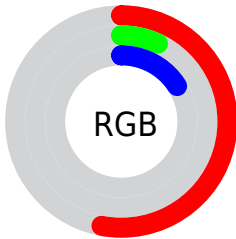
Format	Color
RYB	136, 17, 42
Decimal	8917290
CIELab	28.91, 48.40, 18.80
CIElCh	29, 51.919, 21.230
Yxy	5.8023, 0.5576, 0.3004
Android (android.graphics.Color)	4287107370 (0xFF88112A)
YUV	55.4310, -6.6215, 70.6590
Hunter-Lab	24.0880, 37.6680, 10.1107

Details

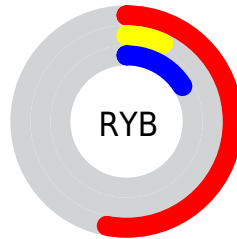
The YUV color **55.4310, -6.6215, 70.6590** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **97.5690, 6.6215, -70.6590**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8350, -12.7367, 72.0587**, and **23.6210, -11.6452, 48.5674** is the 20% darker color. If you saturate the color by 10%, you get **45.9590, -7.3748, 78.9660**, and if you desaturate by 10%, it is **64.9030, -5.8682, 62.3521**.

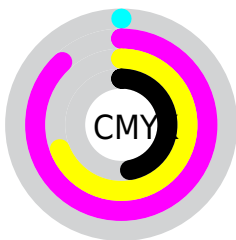
Distribution



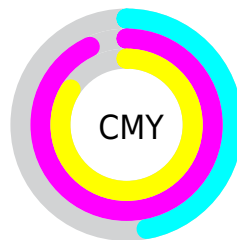
- Red (53%)
- Green (7%)
- Blue (16%)



- Red (53%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (88%)
- Yellow (69%)
- Black (47%)



- Cyan (47%)
- Magenta (93%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.4310, -6.6215, 70.6590 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 55.4310, -6.6215, 70.6590 by changing the saturation by 10% instead.

■ 55.4310, -6.6215,
70.6590

■ 55.4310, -6.6215,
70.6590

■ 255.0000, 0.0000,
0.0000

■ 34.5010, -6.1630,
63.5816

■ 112.8350,
-12.7367, 72.0587

■ 23.6210, -11.6452,
48.5674

■ 140.3900,
-14.4893, 74.2030

■ 16.0750, -6.9390,
32.3832

■ 168.1730,
-15.3683, 76.1473

■ 0.5980, -0.2948,
1.2296

■ 186.9860,
-11.8251, 59.6483

■ 0.0000, 0.0000,
0.0000

■ 206.5000, -8.1345,
42.5345

■ 226.7150, -4.2965,

24.8059

246.9300, -0.4585,
7.0774

55.4310, -6.6215,
70.6590

55.4310, -6.6215,
70.6590

45.9590, -7.3748,
78.9660

64.9030, -5.8682,
62.3521

43.9700, -7.3802,
80.7103

73.6740, -5.2623,
54.6599

83.1460, -4.5090,
46.3530

92.0310, -3.4663,
38.5608

101.5030, -2.7130,
30.2539

■ 110.8610, -2.3965,
22.0469

■ 119.7460, -1.3538,
14.2548

■ 129.2180, -0.6005,
5.9478

■ 138.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



56.4470, 12.5976, 66.2600



55.4310, -6.6215, 70.6590



61.4200, -30.2801, 52.2517

Triad

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



55.4310, -6.6215, 70.6590



48.5730, -19.5095, -42.5985



62.0710, 42.3630, -54.4363

Complementary

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



55.4310, -6.6215, 70.6590



97.5690, 6.6215, -70.6590

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.



63.6550, 33.2011, -55.8254



55.4310, -6.6215, 70.6590



55.5780, -0.2850, -48.7419

Square

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



55.4310, -6.6215, 70.6590



61.3670, -30.2539, -2.9529



60.8390, 17.3344, -53.3558



61.7690, 40.5399, -29.6154

Rectangle

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



55.4310, -6.6215, 70.6590



64.5550, -31.8256, 34.5933



60.8390, 17.3344, -53.3558



63.4900, 40.1844, -55.6807

Sweetspot

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



55.4310, -6.6215, 70.6590



144.8940, -2.4127, 27.2800



58.3730, 38.2701, 45.2769



70.6430, -1.7960, 16.0991



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.



55.4310, -6.6215, 70.6590



56.8420, -9.7821, 104.5016



72.5390, -27.3807, 55.6553



64.2070, -0.5951, 4.2035



42.9590, -7.3748, 78.9660



1.6090, -0.3002, 2.9739

Inverse Universe

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



55.4310, -6.6215, 70.6590



56.8420, -9.7821, 104.5016



80.4610, 27.3807, -55.6553



64.2070, -0.5951, 4.2035



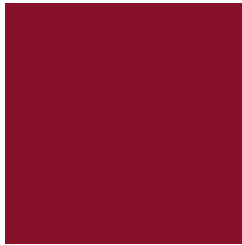
42.9590, -7.3748, 78.9660



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 55.4310, -6.6215, 70.6590 looks on a white background.

Color Contrast Check

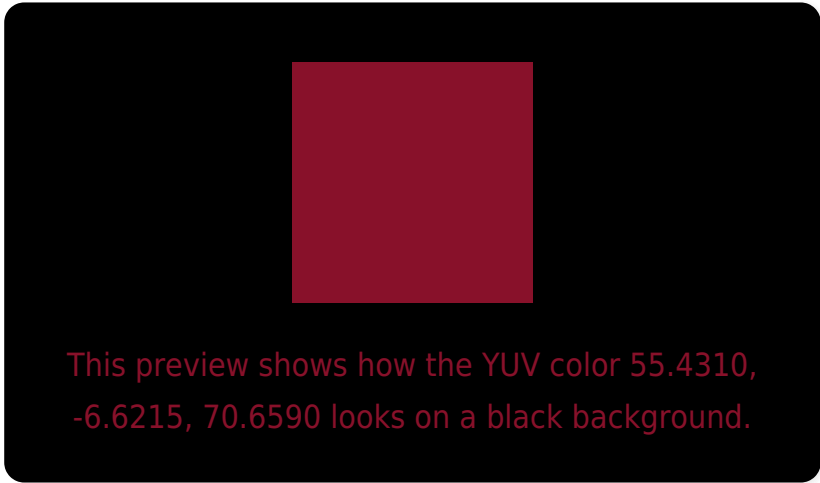
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.4310, -6.6215, 70.6590

Background



This preview shows how black text looks on a background with the YUV color 55.4310, -6.6215, 70.6590.



This preview shows how white text looks on a background with the YUV color 55.4310, -6.6215,

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

55.4310, -6.6215, 70.6590

Protanopia

70.1700, -4.5208, 3.3589

Deuteranopia

69.1470, -16.3415, 14.7801



Tritanopia

56.2600, -17.3832, 69.0550

Trichromacy



Original Color

55.4310, -6.6215, 70.6590

Protanomaly

65.0960, -5.4703, 27.9798

Deuteranomaly

64.1910, -12.9122, 34.9125

Tritanomaly

55.9980, -13.3100, 69.2848

Monochromacy



Original Color

55.4310, -6.6215, 70.6590

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8830, -2.4073, 25.5356

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.4310, -6.6215, 70.6590 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(136, 17, 42)` looks like.

```
.text, #text, p{  
    color:rgb(136, 17, 42)  
}
```

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(136, 17, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 17, 42) }
```

Border

The CSS property to change the border of an element to YUV 55.4310, -6.6215, 70.6590 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(136, 17, 42) }
```


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

```
.border{ border-color:rgb(136, 17, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 17, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 17, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 17, 42);  
box-shadow:4px 4px 4px 4px rgb(136, 17,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 55.4310, -6.6215, 70.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 17, 42) }
```

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

```
.background{ background-color: rgb(136, 17,  
42) }
```

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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