Converting Colors

YUV(68.7570, -7.7682, 65.1111)

Have a look what the booklet for YUV(68.7570, -7.7682, 65.1111) contains.

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Color

YUV(68.7570, -7.7682, 65.1111)

Conversions

Conversions Part 1

Format	Color
Hex	8F2235
RGB	143, 34, 53
RGB Percent	56%, 13%, 21%
CMY	0.4392, 0.8667, 0.7922
CMYK	0.00, 0.76, 0.63, 0.44
HSL	350°, 62%, 35%
HSV	350°, 76%, 56%
XYZ	12.5423, 7.2407, 4.1047
YIQ	68.7570, 58.8650, 29.0170

Conversions

Conversions Part 2

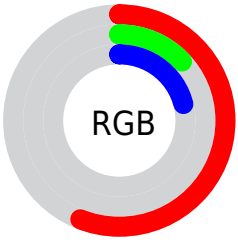
Format	Color
RYB	143, 34, 53
Decimal	9380405
CIELab	32.35, 46.16, 16.30
CIELCh	32, 48.949, 19.449
Yxy	7.2407, 0.5251, 0.3031
Android (android.graphics.Color)	4287570485 (0xFF8F2235)
YUV	68.7570, -7.7682, 65.1111
Hunter-Lab	26.9086, 36.1102, 9.7918

Details

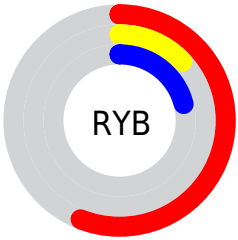
The YUV color 68.7570, -7.7682, 65.1111 is a dark color, and the websafe version is hex 993333. A complement of this color would be 108.2430, 7.7682, -65.1111, and the grayscale version is 69.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 123.3400, -11.9996, 68.9848, and 26.7400, -8.7458, 51.9710 is the 20% darker color. If you saturate the color by 10%, you get 59.1710, -8.9583, 73.5180, and if you desaturate by 10%, it is 78.3430, -6.5781, 56.7042.

Distribution

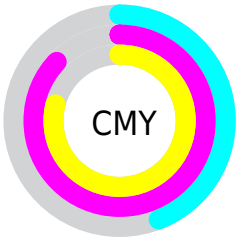


- Red (56%)
- Green (13%)
- Blue (21%)



- Red (56%)
- Yellow (13%)
- Blue (21%)

- Cyan (0%)
- Magenta (76%)
- Yellow (63%)
- Black (44%)



- Cyan (44%)
- Magenta (87%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.7570, -7.7682, 65.1111 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 68.7570, -7.7682, 65.1111 by changing the saturation by 10% instead.

68.7570, -7.7682, 65.1111

255.0000, 0.0000, 0.0000

123.3400, -11.9996, 68.9848

151.0090, -13.3154, 71.0291

176.6990, -13.1626, 68.6700

195.6260, -9.1826, 52.0710

215.1400, -5.4920, 34.9572

235.3550, -1.6540,

68.7570, -7.7682, 65.1111

37.7340, -2.8269, 66.8853

26.7400, -8.7458, 51.9710

17.7550, -8.2602, 36.1719

7.8880, -3.3958, 15.8842

0.0000, 0.0000, 0.0000

17.2287

68.7570, -7.7682, 65.1111

59.1710, -8.9583, 73.5180

48.9980, -9.8590, 82.4398

45.6070, -10.1593, 85.4137

68.7570, -7.7682, 65.1111

78.3430, -6.5781, 56.7042

88.5160, -5.6774, 47.7825

97.9880, -4.9241, 39.4755

107.5740, -3.7340, 31.0686

117.7470, -2.8333, 22.1469

127.3330, -1.6432, 13.7400

136.9190, -0.4531, 5.3330

146.3910, 0.3002, -2.9739

156.5640, 1.2009, -11.8956

Harmonies

Analogous

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

71.2950, 9.7146, 57.6233

68.7570, -7.7682, 65.1111

71.2180, -27.2225, 51.5518

Triad

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

68.7570, -7.7682, 65.1111

57.5130, -18.4939, -41.6689

67.2230, 41.7951, -58.9546

Complementary

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

68.7570, -7.7682, 65.1111

108.2430, 7.7682, -65.1111

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.

68.6930, 32.1964, -60.2438

68.7570, -7.7682, 65.1111

60.9580, 0.0207, -53.4602

Square

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

68.7570, -7.7682, 65.1111

68.7650, -33.9011, 0.2061

66.1050, 17.2032, -57.9741

71.2100, 38.3505, -27.3712

Rectangle

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

68.7570, -7.7682, 65.1111

71.6540, -35.3254, 37.1374

66.1050, 17.2032, -57.9741

68.6420, 39.6165, -60.1990

Sweetspot

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

68.7570, -7.7682, 65.1111

156.7690, -2.8441, 25.6356

73.0370, 34.4918, 43.8176

76.3440, -1.6486, 15.4843

222.0000, 0.0000, 0.0000

94.0000, 0.0000, 0.0000

Same Dimension

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

68.7570, -7.7682, 65.1111

70.8370, -12.2446, 100.9980

87.1360, -26.1960, 48.9927

66.3210, -0.1583, 4.1035

43.1010, -9.4168, 80.5954

2.5060, -0.7425, 4.8182

Inverse Universe

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

68.7570, -7.7682, 65.1111

70.8370, -12.2446, 100.9980

89.8640, 26.1960, -48.9927

66.3210, -0.1583, 4.1035

43.1010, -9.4168, 80.5954

2.5060, -0.7425, 4.8182

Previews

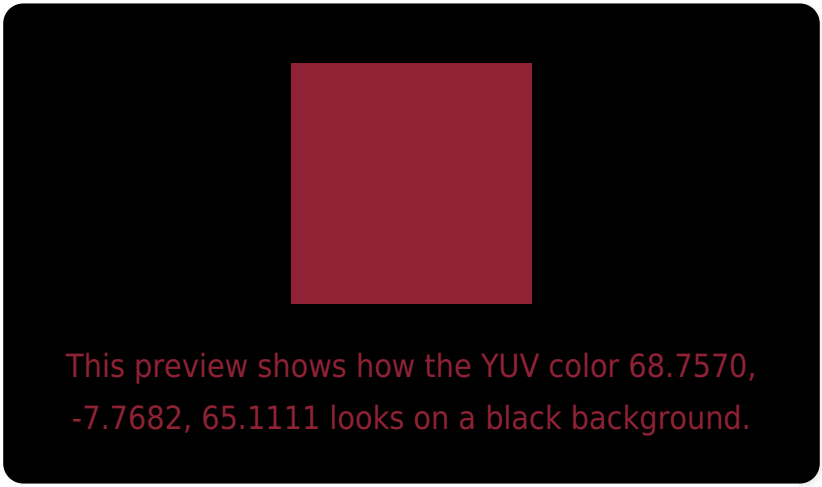
White Background

This preview shows how the YUV color 68.7570, -7.7682, 65.1111 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 68.7570, -7.7682, 65.1111

Background

This preview shows how black text looks on a background with the YUV color 68.7570, -7.7682, 65.1111.

This preview shows how white text looks on a background with the YUV color 68.7570, -7.7682,

65.1111.

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
68.7570, -7.7682, 65.1111

Protanopia
77.2130, -3.0630, 2.4442

Deuteranopia
76.9020, -14.7417, 14.9949

Tritanopia
68.5090, -15.0409, 64.4516

Trichromacy

Original Color
68.7570, -7.7682, 65.1111

Protanomaly
73.9000, -4.8807, 25.5207

Deuteranomaly
73.7070, -12.1806, 33.5830

Tritanomaly
68.4920, -12.5676, 64.4665

Monochromacy

Original Color
68.7570, -7.7682, 65.1111

Achromatopsia
69.0000, 0.0000, 0.0000

Achromatomaly
68.7580, -2.8387, 23.8912

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.7570, -7.7682, 65.1111 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(143, 34, 53) looks like.

```
.text, #text, p{
    color:rgb(143, 34, 53)
}
```

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(143, 34, 53) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(143, 34, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 34, 53) }
```

Border

The CSS property to change the border of an element to YUV 68.7570, -7.7682, 65.1111 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(143, 34, 53) }
```

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

```
.border{ border-color:rgb(143, 34, 53) }
```

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

Here you see how a box with a 4 pixel rgb(143, 34, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 34, 53); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 34, 53); box-shadow:4px 4px 4px 4px rgb(143, 34, 53) }
```

Background

The CSS property to change the background color of an element to YUV 68.7570, -7.7682, 65.1111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(143, 34, 53) }
```

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

```
.background{ background-color:rgb(143, 34, 53) }
```

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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