

Converting Colors

YUV(63.2100, -14.8935,
63.8368)

Have a look what the booklet for
YUV(63.2100, -14.8935, 63.8368)
contains.

YUV(63.2100, -14.8935, 63.8368)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.2100, -14.8935,
63.8368)**

Conversions

Conversions Part 1

Format	Color
Hex	882021
RGB	136, 32, 33
RGB Percent	53%, 13%, 13%
CMY	0.4667, 0.8745, 0.8706
CMYK	0.00, 0.76, 0.76, 0.47
HSL	359°, 62%, 33%
HSV	359°, 76%, 53%
XYZ	10.9444, 6.3771, 2.0929
YIQ	63.2100, 61.6630, 22.3590

Conversions

Conversions Part 2

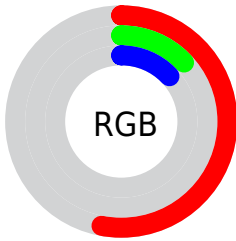
Format	Color
R_{YB}	136, 32, 33
Decimal	8921121
CIE Lab	30.34, 43.49, 26.33
CIE LCh	30, 50.839, 31.192
Yxy	6.3771, 0.5637, 0.3285
Android (android.graphics.Color)	4287111201 (0xFF882021)
YUV	63.2100, -14.8935, 63.8368
Hunter-Lab	25.2529, 33.1678, 12.7632

Details

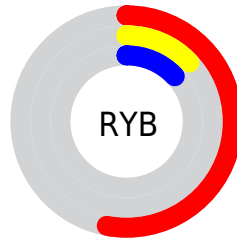
The YUV color **63.2100, -14.8935, 63.8368** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **104.7900, 14.8935, -63.8368**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.0920, -19.2724, 68.3253**, and **23.6210, -11.6452, 48.5674** is the 20% darker color. If you saturate the color by 10%, you get **53.5100, -16.5204, 72.3437**, and if you desaturate by 10%, it is **72.9100, -13.2666, 55.3299**.

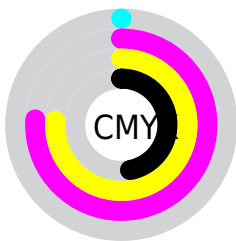
Distribution



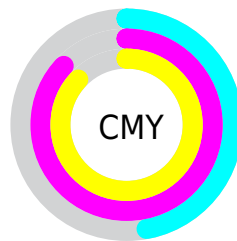
- Red (53%)
- Green (13%)
- Blue (13%)



- Red (53%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (76%)
- Yellow (76%)
- Black (47%)



- Cyan (47%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.2100, -14.8935, 63.8368 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 63.2100, -14.8935, 63.8368 by changing the saturation by 10% instead.

■ 63.2100, -14.8935,
63.8368

■ 63.2100, -14.8935,
63.8368

255.0000, 0.0000,
0.0000

■ 33.3610, -10.5310,
64.5814

■ 117.0920,
-19.2724, 68.3253

■ 23.6210, -11.6452,
48.5674

■ 144.3590,
-20.8830, 71.5992

■ 16.0750, -6.9390,
32.3832

■ 171.7290,
-22.0514, 73.0287

■ 1.4950, -0.7370,
3.0739

■ 190.5420,
-18.5082, 56.5297

■ 0.0000, 0.0000,
0.0000

■ 209.9420,
-15.2544, 39.5159

■ 230.1570,

-11.4164, 21.7873

250.3720, -7.5784,
4.0588

63.2100, -14.8935,
63.8368

63.2100, -14.8935,
63.8368

53.5100, -16.5204,
72.3437

72.9100, -13.2666,
55.3299

44.2830, -18.8735,
80.4358

82.1370, -10.9135,
47.2379

40.7780, -19.6106,
83.5097

91.8370, -9.2866,
38.7310

101.0640, -6.9336,
30.6389

110.7640, -5.3067,
22.1320

■ 120.5780, -3.2430,
13.5251

■ 129.6910, -1.3267,
5.5330

■ 139.5050, 0.7370,
-3.0739

■ 148.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



60.9220, 5.4615, 68.4744



63.2100, -14.8935, 63.8368



66.6810, -32.8737, 44.1298

Triad

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



63.2100, -14.8935, 63.8368



53.9020, -11.7837, -47.2721



61.9400, 44.3996, -54.3214

Complementary

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



63.2100, -14.8935, 63.8368



104.7900, 14.8935, -63.8368

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.



65.9690, 36.9903, -57.8548



63.2100, -14.8935, 63.8368



59.8640, 5.9830, -52.5007

Square

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



63.2100, -14.8935, 63.8368



61.3010, -30.2214, -13.4190



64.4240, 23.4550, -56.4998



71.8110, 33.6172, -2.4652

Rectangle

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



63.2100, -14.8935, 63.8368



68.0440, -33.5457, 26.2714



64.4240, 23.4550, -56.4998



64.0600, 42.3684, -56.1806

Sweetspot

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



63.2100, -14.8935, 63.8368



147.3730, -5.6069, 25.1059



74.3540, 30.3915, 52.3095



71.5890, -3.2484, 15.2694



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.



63.2100, -14.8935, 63.8368



62.6660, -23.0063, 99.3939



92.4460, -29.7999, 38.1969



64.0930, -1.0318, 4.3034



39.8810, -19.1683, 81.6654



1.4950, -0.7370, 3.0739

Inverse Universe

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



63.2100, -14.8935, 63.8368



62.6660, -23.0063, 99.3939



75.5540, 29.7999, -38.1969



64.0930, -1.0318, 4.3034



39.8810, -19.1683, 81.6654



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 63.2100, -14.8935, 63.8368 looks on a white background.

Color Contrast Check

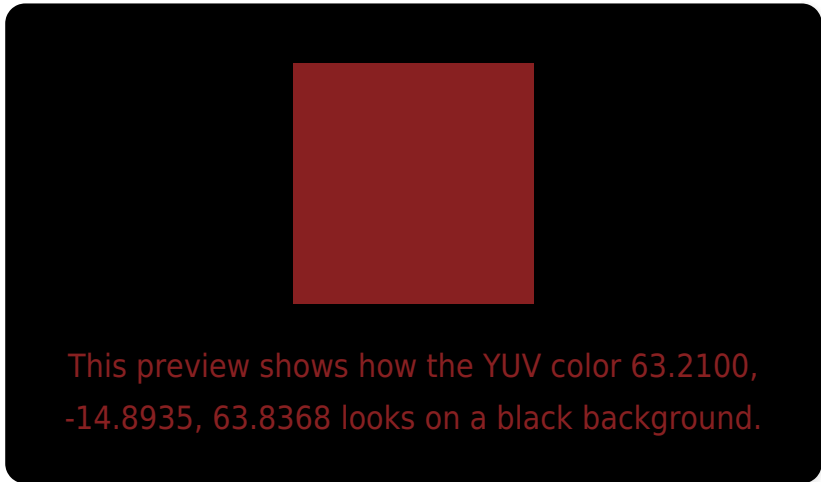
Large Text (above 18pt) WCAG AA ✓ Pass

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

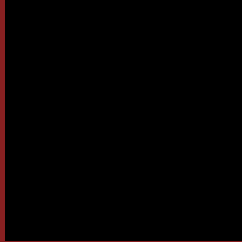
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.2100, -14.8935, 63.8368

Background



This preview shows how black text looks on a background with the YUV color 63.2100, -14.8935, 63.8368.

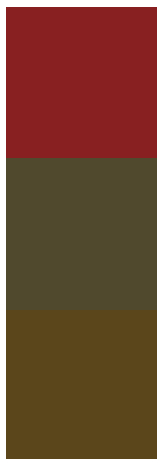


This preview shows how white text looks on a background with the YUV color 63.2100, -14.8935,

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

63.2100, -14.8935, 63.8368

Protanopia

72.0150, -12.8254, 7.0028

Deuteranopia

70.6760, -22.0253, 17.8241



Tritanopia

63.2100, -14.8935, 63.8368

Trichromacy



Original Color

63.2100, -14.8935, 63.8368

Protanomaly

68.6200, -13.6167, 27.5203

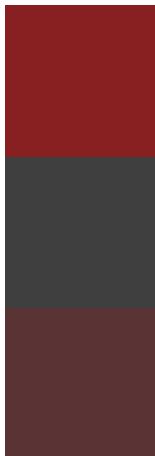
Deuteranomaly

68.1710, -19.3113, 34.0530

Tritanomaly

63.2100, -14.8935, 63.8368

Monochromacy



Original Color

63.2100, -14.8935, 63.8368

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.3620, -5.6015, 23.3615

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.2100, -14.8935, 63.8368 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, 32, 33)` looks like.

```
.text, #text, p{  
    color:rgb(136, 32, 33)  
}
```

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, 32, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 32, 33) }
```

Border

The CSS property to change the border of an element to YUV 63.2100, -14.8935, 63.8368 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, 32, 33) }
```


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

```
.border{ border-color:rgb(136, 32, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 32, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 32, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 32, 33);  
box-shadow:4px 4px 4px 4px rgb(136, 32,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 63.2100, -14.8935, 63.8368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 32, 33) }
```

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

```
.background{ background-color: rgb(136, 32,  
33) }
```

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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