

Converting Colors

YUV(71.2650, -18.3716,
59.4036)

Have a look what the booklet for
YUV(71.2650, -18.3716, 59.4036)
contains.

YUV(71.2650, -18.3716, 59.4036)	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(71.2650, -18.3716,
59.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	8B2C22
RGB	139, 44, 34
RGB Percent	55%, 17%, 13%
CMY	0.4549, 0.8275, 0.8667
CMYK	0.00, 0.68, 0.76, 0.45
HSL	6°, 61%, 34%
HSV	6°, 76%, 55%
XYZ	11.8369, 7.4058, 2.3190
YIQ	71.2650, 59.8300, 17.0300

Conversions

Conversions Part 2

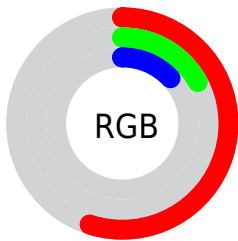
Format	Color
R_{YB}	139, 45, 34
Decimal	9120802
CIE Lab	32.71, 39.72, 28.55
CIE LCh	33, 48.916, 35.709
Yxy	7.4058, 0.5490, 0.3435
Android (android.graphics.Color)	4287310882 (0xFF8B2C22)
YUV	71.2650, -18.3716, 59.4036
Hunter-Lab	27.2136, 30.0167, 13.9972

Details

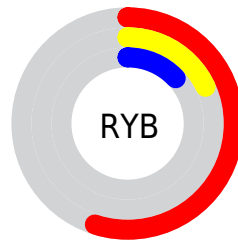
The YUV color **71.2650, -18.3716, 59.4036** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **101.7350, 18.3716, -59.4036**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.9730, -22.1717, 64.9217**, and **24.5180, -12.0874, 50.4117** is the 20% darker color. If you saturate the color by 10%, you get **62.0380, -20.7247, 67.4957**, and if you desaturate by 10%, it is **80.4920, -16.0186, 51.3115**.

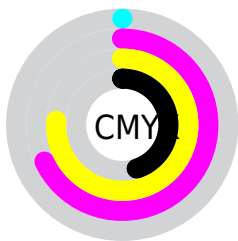
Distribution



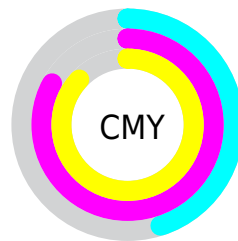
- Red (55%)
- Green (17%)
- Blue (13%)



- Red (55%)
- Yellow (18%)
- Blue (13%)



- Cyan (0%)
- Magenta (68%)
- Yellow (76%)
- Black (45%)



- Cyan (45%)
- Magenta (83%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2650, -18.3716, 59.4036 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 71.2650, -18.3716, 59.4036 by changing the saturation by 10% instead.

■ 71.2650, -18.3716,
59.4036

■ 71.2650, -18.3716,
59.4036

255.0000, 0.0000,
0.0000

■ 43.7640, -15.1667,
58.0890

■ 123.9730,
-22.1717, 64.9217

■ 24.5180, -12.0874,
50.4117

■ 150.9410,
-23.6349, 67.5807

■ 16.4450, -8.1074,
33.8127

■ 177.7130,
-24.5085, 67.7807

■ 5.6810, -2.8007,
11.6808

■ 196.6400,
-20.5285, 51.1817

■ 0.0000, 0.0000,
0.0000

■ 216.0400,
-17.2747, 34.1679

■ 236.2550,

-13.4367, 16.4394

252.9480, -7.8624,
1.7996

71.2650, -18.3716,
59.4036

71.2650, -18.3716,
59.4036

62.0380, -20.7247,
67.4957

80.4920, -16.0186,
51.3115

53.3980, -23.3672,
75.0730

89.1320, -13.3761,
43.7342

49.1920, -24.2517,
78.7616

98.3590, -11.0230,
35.6422

106.9990, -8.3805,
28.0649

116.2260, -6.0274,
19.9728

■ 124.7520, -3.8217,
12.4955

■ 133.9790, -1.4686,
4.4034

■ 143.2060, 0.8844,
-3.6887

■ 151.8460, 3.5269,
-11.2659

Harmonies

Analogous

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



69.9340, 0.5255, 64.9559



71.2650, -18.3716, 59.4036



72.2630, -35.6257, 40.1113

Triad

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



71.2650, -18.3716, 59.4036



58.9060, -7.8417, -51.6606



63.9290, 44.4050, -56.0657

Complementary

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



71.2650, -18.3716, 59.4036



101.7350, 18.3716, -59.4036

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.



69.0010, 38.4535, -60.5139



71.2650, -18.3716, 59.4036



64.7540, 9.4883, -56.7893

Square

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



71.2650, -18.3716, 59.4036



64.8230, -31.9577, -16.5078



68.3850, 25.9392, -59.9736



78.6550, 30.2431, 6.4416

Rectangle

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



71.2650, -18.3716, 59.4036



72.4520, -35.7188, 23.2826



68.3850, 25.9392, -59.9736



66.2770, 43.2474, -58.1249

Sweetspot

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



71.2650, -18.3716, 59.4036



153.9060, -7.3487, 23.7614



76.3390, 26.4549, 54.9537



75.5350, -4.7008, 14.4398



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



71.2650, -18.3716, 59.4036



74.7270, -28.9524, 93.2014



101.2020, -33.1306, 33.1488



64.6800, -1.3212, 3.7886



47.3980, -23.3672, 75.0730



1.4950, -0.7370, 3.0739

Inverse Universe

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



101.7350, 18.3716, -59.4036



122.2730, 28.9524, -93.2014



71.7980, 33.1306, -33.1488



66.3200, 1.3212, -3.7886



85.6020, 23.3672, -75.0730



3.5050, 0.7370, -3.0739

Previews

White Background



This preview shows how the YUV color 71.2650, -18.3716, 59.4036 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



This preview shows how the YUV color 71.2650, -18.3716, 59.4036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

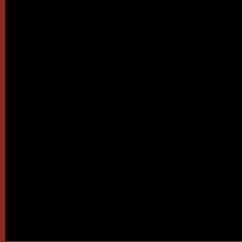
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.2650, -18.3716, 59.4036

Background



This preview shows how black text looks on a background with the YUV color 71.2650, -18.3716, 59.4036.

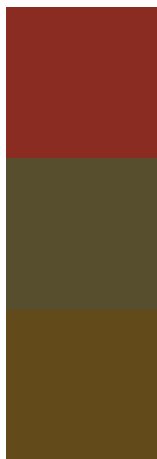


This preview shows how white text looks on a background with the YUV color 71.2650, -18.3716,

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

71.2650, -18.3716, 59.4036

Protanopia

76.6300, -15.5936, 8.2175

Deuteranopia

75.8180, -24.0673, 19.4536



Tritanopia

71.9320, -13.2775, 58.8186

Trichromacy



Original Color

71.2650, -18.3716, 59.4036

Protanomaly

74.8110, -16.6688, 26.4758

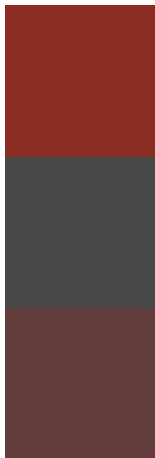
Deuteranomaly

74.1880, -21.7847, 34.0381

Tritanomaly

71.4760, -15.0247, 59.2185

Monochromacy



Original Color

71.2650, -18.3716, 59.4036

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.1230, -6.4696, 21.8171

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2650, -18.3716, 59.4036 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(139, 44, 34)` looks like.

```
.text, #text, p{  
    color:rgb(139, 44, 34)  
}
```

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(139, 44, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 44, 34) }
```

Border

The CSS property to change the border of an element to YUV 71.2650, -18.3716, 59.4036 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(139, 44, 34) }
```


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

```
.border{ border-color:rgb(139, 44, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 44, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 44, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 44, 34);  
box-shadow:4px 4px 4px 4px rgb(139, 44,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 71.2650, -18.3716, 59.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 44, 34) }
```

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

```
.background{ background-color: rgb(139, 44,  
34) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor