

Converting Colors

YUV(41.8900, -6.3548, 31.6685)

Have a look what the booklet for
YUV(41.8900, -6.3548, 31.6685)
contains.

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Color

**YUV(41.8900, -6.3548,
31.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	4E1A1D
RGB	78, 26, 29
RGB Percent	31%, 10%, 11%
CMY	0.6941, 0.8980, 0.8863
CMYK	0.00, 0.67, 0.63, 0.69
HSL	357°, 50%, 20%
HSV	357°, 67%, 31%
XYZ	3.7331, 2.4472, 1.4380
YIQ	41.8900, 30.0290, 11.9570

Conversions

Conversions Part 2

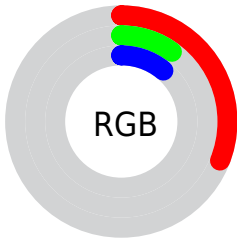
Format	Color
RYB	78, 26, 29
Decimal	5118493
CIELab	17.68, 24.80, 10.79
CIElCh	18, 27.041, 23.519
Yxy	2.4472, 0.4900, 0.3212
Android (android.graphics.Color)	4283308573 (0xFF4E1A1D)
YUV	41.8900, -6.3548, 31.6685
Hunter-Lab	15.6435, 15.2197, 5.5004

Details

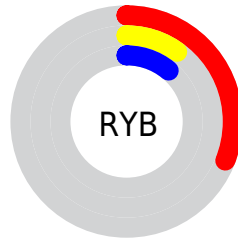
The YUV color **41.8900, -6.3548, 31.6685** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **62.1100, 6.3548, -31.6685**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.3420, -8.5496, 35.6571**, and **8.4860, -3.6906, 17.1138** is the 20% darker color. If you saturate the color by 10%, you get **36.3960, -7.0972, 36.4867**, and if you desaturate by 10%, it is **47.3840, -5.6123, 26.8502**.

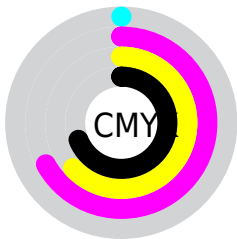
Distribution



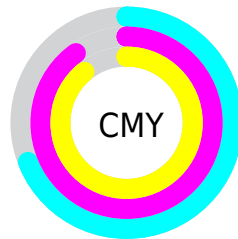
- Red (31%)
- Green (10%)
- Blue (11%)



- Red (31%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (67%)
- Yellow (63%)
- Black (69%)



- Cyan (69%)
- Magenta (90%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.8900, -6.3548, 31.6685 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 41.8900, -6.3548, 31.6685 by changing the saturation by 10% instead.

■ 41.8900, -6.3548,
31.6685

■ 41.8900, -6.3548,
31.6685

■ 255.0000, 0.0000,
0.0000

■ 18.2490, -7.5178,
31.3536

■ 89.3420, -8.5496,
35.6571

■ 8.4860, -3.6906,
17.1138

■ 115.1250, -9.4286,
37.6014

■ 0.0000, 0.0000,
0.0000

■ 141.0220, -9.8708,
39.4457

■ 167.6200,
-10.1657, 40.6753

■ 195.1040,
-10.8973, 42.0048

■ 217.6190, -8.6862,

32.7831

237.9480, -4.4114,
14.9546

41.8900, -6.3548,
31.6685

41.8900, -6.3548,
31.6685

36.3960, -7.0972,
36.4867

47.3840, -5.6123,
26.8502

30.7880, -8.2765,
41.4049

52.9920, -4.4331,
21.9320

25.8810, -9.3083,
45.7084

57.8990, -3.4012,
17.6286

23.7780, -9.7506,
47.5527

63.3930, -2.6587,
12.8103

69.0010, -1.4795,
7.8921

■ 74.4950, -0.7370,
3.0739

■ 79.9890, 0.0054,
-1.7444

■ 85.0100, 1.4741,
-6.1478

■ 90.5040, 2.2165,
-10.9660

Harmonies

Analogous

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



42.8710, 2.5286, 29.0541



41.8900, -6.3548, 31.6685



41.8540, -15.2110, 25.5610

Triad

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



41.8900, -6.3548, 31.6685



35.1040, -7.9393, -20.2622



36.9370, 22.2161, -32.3937

Complementary

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



41.8900, -6.3548, 31.6685



62.1100, 6.3548, -31.6685

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.



38.3730, 17.5641, -33.6531



41.8900, -6.3548, 31.6685



34.8560, 1.5500, -30.5687

Square

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



41.8900, -6.3548, 31.6685



39.3640, -18.9135, -0.3192



37.1360, 10.2860, -32.5683



43.2500, 17.6247, -6.3582

Rectangle

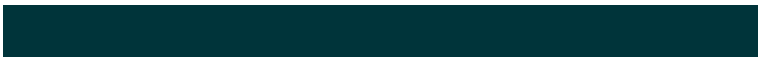
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.8900, -6.3548, 31.6685



40.8440, -20.1361, 18.5538



37.1360, 10.2860, -32.5683



37.4100, 21.4899, -32.8086

Sweetspot

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



41.8900, -6.3548, 31.6685



88.0940, -2.5113, 12.1956



46.5790, 15.4906, 24.9252



42.5880, -1.7689, 7.3773



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



41.8900, -6.3548, 31.6685



45.0880, -9.9034, 49.9118



55.0490, -14.3212, 20.1280



35.3100, -0.1528, 2.3591



31.1820, -12.4147, 62.1074



70.2520, -28.2252, 140.0990

Inverse Universe

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



41.8900, -6.3548, 31.6685



45.0880, -9.9034, 49.9118



48.9510, 14.3212, -20.1280



35.3100, -0.1528, 2.3591



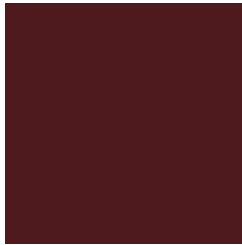
31.1820, -12.4147, 62.1074



70.2520, -28.2252, 140.0990

Previews

White Background



This preview shows how the YUV color 41.8900, -6.3548, 31.6685 looks on a white background.

Color Contrast Check

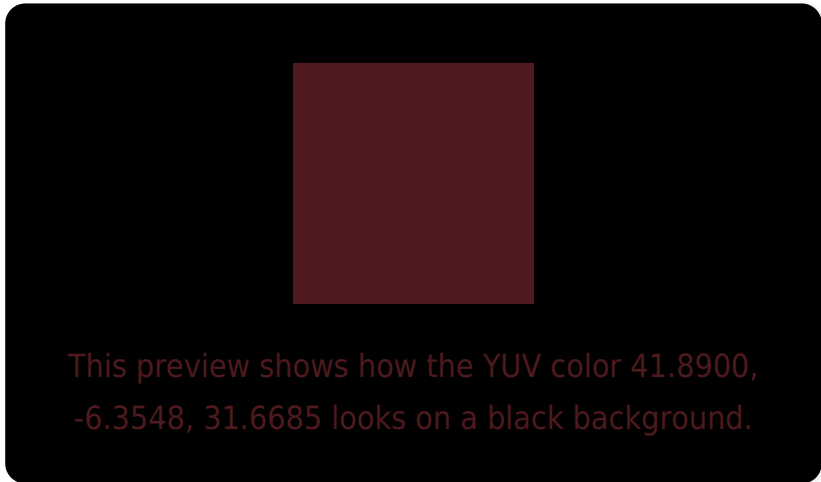
Large Text (above 18pt) WCAG AA ✓ Pass

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

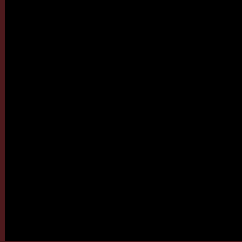
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.8900, -6.3548, 31.6685

Background



This preview shows how black text looks on a background with the YUV color 41.8900, -6.3548, 31.6685.



This preview shows how white text looks on a background with the YUV color 41.8900, -6.3548,

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

41.8900, -6.3548, 31.6685

Protanopia

44.6860, -3.7892, 2.0294

Deuteranopia

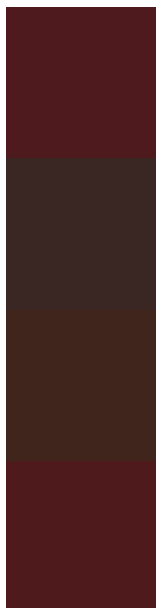
44.3510, -9.0470, 8.4622



Tritanopia

41.7760, -6.7916, 31.7684

Trichromacy



Original Color

41.8900, -6.3548, 31.6685

Protanomaly

43.5240, -4.6953, 12.6955

Deuteranomaly

43.6340, -8.2006, 16.9840

Tritanomaly

41.7760, -6.7916, 31.7684

Monochromacy



Original Color

41.8900, -6.3548, 31.6685

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.7950, -2.3639, 11.5808

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.8900, -6.3548, 31.6685 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(78, 26, 29)` looks like.

```
.text, #text, p{  
    color:rgb(78, 26, 29)  
}
```

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(78, 26, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 26, 29) }
```

Border

The CSS property to change the border of an element to YUV 41.8900, -6.3548, 31.6685 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(78, 26, 29) }
```


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

```
.border{ border-color:rgb(78, 26, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 26, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 26, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 26, 29);  
box-shadow:4px 4px 4px 4px rgb(78, 26, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.8900, -6.3548, 31.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 26, 29) }
```

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

```
.background{ background-color: rgb(78, 26,  
29) }
```

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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