

# Converting Colors

YUV(42.8960, -8.8227, 29.9092)

Have a look what the booklet for  
YUV(42.8960, -8.8227, 29.9092)  
contains.

<b>YUV(42.8960, -8.8227, 29.9092)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(42.8960, -8.8227,  
29.9092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D1D19
RGB	77, 29, 25
RGB Percent	30%, 11%, 10%
CMY	0.6980, 0.8863, 0.9020
CMYK	0.00, 0.62, 0.68, 0.70
HSL	5°, 51%, 20%
HSV	5°, 68%, 30%
XYZ	3.6754, 2.5267, 1.2137
YIQ	42.8960, 29.8920, 8.9320

# Conversions

## Conversions Part 2

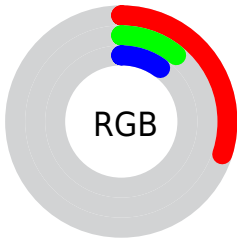
Format	Color
<b>R<sub>YB</sub></b>	77, 29, 25
Decimal	5053721
CIE Lab	18.04, 22.36, 14.01
CIE LCh	18, 26.388, 32.072
Yxy	2.5267, 0.4956, 0.3407
Android (android.graphics.Color)	4283243801 (0xFF4D1D19)
YUV	42.8960, -8.8227, 29.9092
Hunter-Lab	15.8956, 13.4557, 6.5999

# Details

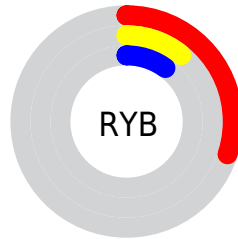
The YUV color **42.8960, -8.8227, 29.9092** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **59.1040, 8.8227, -29.9092**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.3480, -11.0176, 33.8978**, and **8.1870, -3.5432, 16.4990** is the 20% darker color. If you saturate the color by 10%, you get **37.8750, -10.2914, 34.3126**, and if you desaturate by 10%, it is **47.9170, -7.3541, 25.5058**.

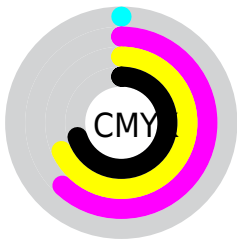
# Distribution



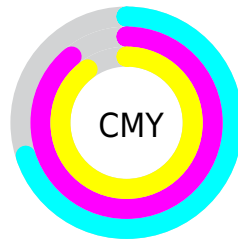
- Red (30%)
- Green (11%)
- Blue (10%)



- Red (30%)
- Yellow (11%)
- Blue (10%)



- Cyan (0%)
- Magenta (62%)
- Yellow (68%)
- Black (70%)



- Cyan (70%)
- Magenta (89%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 42.8960, -8.8227, 29.9092 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 42.8960, -8.8227, 29.9092 by changing the saturation by 10% instead.



■ 42.8960, -8.8227,  
29.9092

■ 42.8960, -8.8227,  
29.9092

■ 254.6580, -1.3104,  
0.2999

■ 19.3690, -9.5489,  
29.4944

■ 90.3480, -11.0176,  
33.8978

■ 8.1870, -3.5432,  
16.4990

■ 115.4300,  
-12.0440, 36.4569

■ 0.0000, 0.0000,  
0.0000

■ 141.0280,  
-12.3388, 37.6864

■ 167.9250,  
-12.7810, 39.5308

■ 195.4090,  
-13.5126, 40.8603

■ 218.8100,

-11.7383, 31.7386

238.4380, -7.6109,  
14.5249

42.8960, -8.8227,  
29.9092

42.8960, -8.8227,  
29.9092

37.8750, -10.2914,  
34.3126

47.9170, -7.3541,  
25.5058

32.9680, -11.3232,  
38.6161

52.8240, -6.3222,  
21.2024

27.9470, -12.7919,  
43.0195

57.8450, -4.8536,  
16.7989

26.5450, -13.0867,  
44.2490

62.8660, -3.3849,  
12.3955

68.3600, -2.6425,  
7.5773

■ 73.3810, -1.1738,  
3.1739

■ 78.4020, 0.2948,  
-1.2296

■ 83.4230, 1.7635,  
-5.6330

■ 88.3300, 2.7953,  
-9.9364

# Harmonies

## Analogous

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



43.6000, 0.1972, 30.1688



42.8960, -8.8227, 29.9092



42.3760, -16.9474, 22.4722

# Triad

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



42.8960, -8.8227, 29.9092



33.9720, -4.4232, -28.0394



36.3500, 22.5054, -31.8789

# Complementary

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



42.8960, -8.8227, 29.9092



59.1040, 8.8227, -29.9092

# 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.



38.8290, 19.3113, -34.0530



42.8960, -8.8227, 29.9092



36.2410, 4.3182, -31.7834

# Square

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



42.8960, -8.8227, 29.9092



39.8410, -15.6976, -5.1226



38.4070, 12.6173, -33.6829



44.7240, 15.4191, 1.1191



# Rectangle

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



42.8960, -8.8227, 29.9092



41.7080, -20.5620, 15.1651



38.4070, 12.6173, -33.6829



37.5240, 21.9267, -32.9085

# Sweetspot

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



42.8960, -8.8227, 29.9092



86.2680, -3.0901, 11.1660



46.1340, 13.7379, 27.0695



43.1750, -2.0583, 6.8625



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.



42.8960, -8.8227, 29.9092



46.4420, -13.5289, 46.0934



57.5710, -16.0575, 17.0392



35.7830, -0.8790, 1.9443



35.1940, -17.3506, 58.5889



79.3360, -39.1126, 132.1323



# Inverse Universe

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



59.1040, 8.8227, -29.9092



71.5580, 13.5289, -46.0934



44.4290, 16.0575, -17.0392



36.8040, 0.5896, -2.4591



66.8060, 17.3506, -58.5889

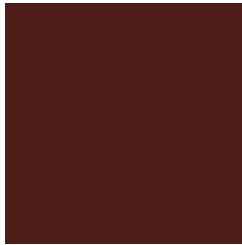


150.6640, 39.1126, -132.1323



# Previews

## White Background



This preview shows how the YUV color 42.8960, -8.8227, 29.9092 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

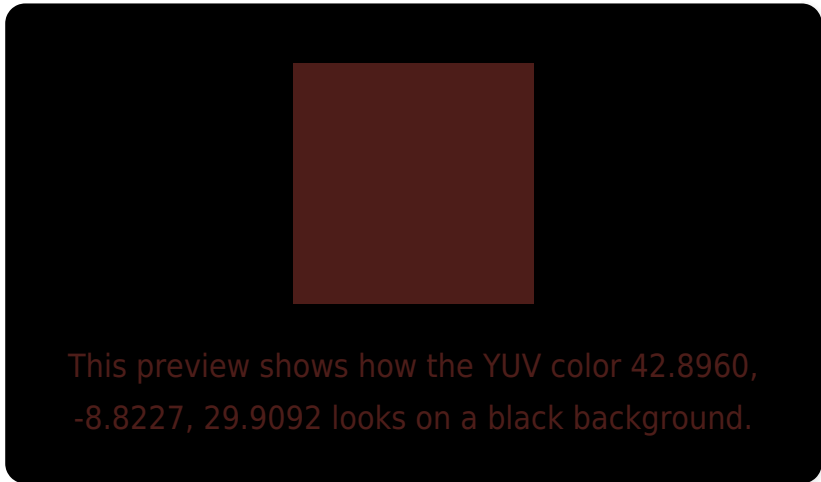
Any Text WCAG AA ✓ Pass

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

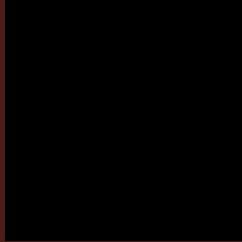
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 42.8960, -8.8227, 29.9092**

## **Background**



This preview shows how black text looks on a background with the YUV color 42.8960, -8.8227, 29.9092.



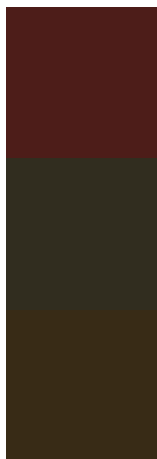
This preview shows how white text looks on a background with the YUV color 42.8960, -8.8227,



# 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

42.8960, -8.8227, 29.9092

### Protanopia

44.6000, -6.7048, 3.8588

### Deuteranopia

44.4930, -11.0890, 10.0916



## Tritanopia

42.8790, -6.3493, 29.9241

# Trichromacy



## Original Color

42.8960, -8.8227, 29.9092

## Protanomaly

43.8400, -7.3161, 13.2953

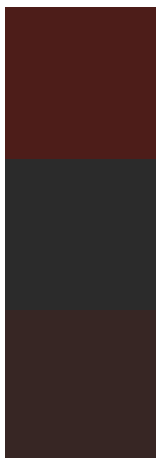
## Deuteranomaly

44.0640, -10.3846, 17.4839

## Tritanomaly

42.6510, -7.2229, 30.1241

# Monochromacy



## Original Color

42.8960, -8.8227, 29.9092

## Achromatopsia

43.0000, 0.0000, 0.0000

## Achromatomaly

42.8550, -3.3795, 10.6512

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 42.8960, -8.8227, 29.9092 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(77, 29, 25)` looks like.

```
.text, #text, p{  
    color:rgb(77, 29, 25)  
}
```

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(77, 29, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 29, 25) }
```

## Border

The CSS property to change the border of an element to YUV 42.8960, -8.8227, 29.9092 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(77, 29, 25) }
```



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

```
.border{ border-color:rgb(77, 29, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 29, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 29, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 29, 25);  
box-shadow:4px 4px 4px 4px rgb(77, 29, 25)  
}
```

# Background

The CSS property to change the background color of an element to YUV 42.8960, -8.8227, 29.9092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 29, 25) }
```

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

```
.background{ background-color: rgb(77, 29,  
25) }
```

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