

# Converting Colors

YUV(44.3660, 1.7916, 32.1280)

Have a look what the booklet for  
YUV(44.3660, 1.7916, 32.1280)  
contains.

<b>YUV(44.3660, 1.7916, 32.1280)</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(44.3660, 1.7916,  
32.1280)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	511930
RGB	81, 25, 48
RGB Percent	32%, 10%, 19%
CMY	0.6824, 0.9020, 0.8118
CMYK	0.00, 0.69, 0.41, 0.68
HSL	335°, 53%, 21%
HSV	335°, 69%, 32%
XYZ	4.2745, 2.6580, 3.0841
YIQ	44.3660, 25.9930, 19.0250

# Conversions

## Conversions Part 2

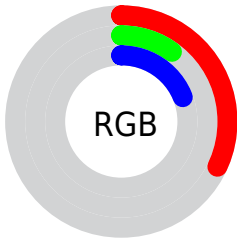
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 25, 48
Decimal	5314864
CIE Lab	18.62, 28.59, -1.28
CIE LCh	19, 28.619, 357.440
Yxy	2.6580, 0.4267, 0.2654
Android (android.graphics.Color)	4283504944 (0xFF511930)
YUV	44.3660, 1.7916, 32.1280
Hunter-Lab	16.3033, 18.2689, 0.1966

# Details

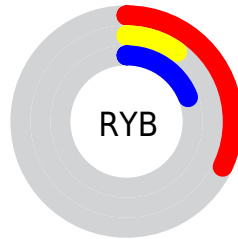
The YUV color **44.3660, 1.7916, 32.1280** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **61.6340, -1.7916, -32.1280**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.7470, 0.6177, 35.3019**, and **10.8780, -4.8699, 22.0320** is the 20% darker color. If you saturate the color by 10%, you get **39.1000, 1.9227, 36.7463**, and if you desaturate by 10%, it is **49.6320, 1.6604, 27.5097**.

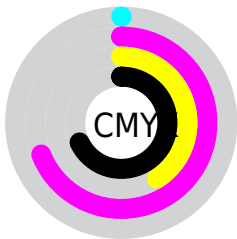
# Distribution



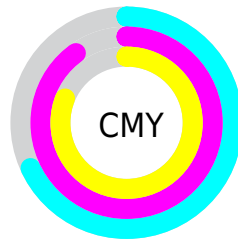
- Red (32%)
- Green (10%)
- Blue (19%)



- Red (32%)
- Yellow (10%)
- Blue (19%)



- Cyan (0%)
- Magenta (69%)
- Yellow (41%)
- Black (68%)



- Cyan (68%)
- Magenta (90%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 44.3660, 1.7916, 32.1280 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 44.3660, 1.7916, 32.1280 by changing the saturation by 10% instead.



■ 44.3660, 1.7916,  
32.1280

■ 44.3660, 1.7916,  
32.1280

■ 255.0000, 0.0000,  
0.0000

■ 20.4090, 3.2494,  
31.2133

■ 92.7470, 0.6177,  
35.3019

■ 10.8780, -4.8699,  
22.0320

■ 118.3450, 0.3229,  
36.5314

■ 0.0000, 0.0000,  
0.0000

■ 144.2420, -0.1193,  
38.3758

■ 170.9540, 0.0227,  
39.5053

■ 198.5520, -0.2721,  
40.7349

■ 221.1700, 2.3812,

29.6689

240.9120, 6.9454,  
12.3552

44.3660, 1.7916,  
32.1280

44.3660, 1.7916,  
32.1280

39.1000, 1.9227,  
36.7463

49.6320, 1.6604,  
27.5097

33.8340, 2.0538,  
41.3646

54.8980, 1.5293,  
22.8915

28.6820, 2.6218,  
45.8829

60.0500, 0.9614,  
18.3732

27.9810, 2.4744,  
46.4977

65.3160, 0.8302,  
13.7549

71.1690, 0.4097,  
8.6218

■ 76.4350, 0.2785,  
4.0035

■ 81.5870, -0.2894,  
-0.5148

■ 86.8530, -0.4205,  
-5.1331

■ 92.1190, -0.5517,  
-9.7514

# Harmonies

## Analogous

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



46.5800, 10.5601, 19.6623



44.3660, 1.7916, 32.1280



43.5590, -7.6706, 33.7128

# Triad

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



44.3660, 1.7916, 32.1280



40.6410, -19.0500, -3.1932



40.2310, 19.6061, -35.2826

# Complementary

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



44.3660, 1.7916, 32.1280



61.6340, -1.7916, -32.1280

# 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.



39.5810, 12.0386, -34.7125



44.3660, 1.7916, 32.1280



35.1140, -6.4652, -26.4100

# Square

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



44.3660, 1.7916, 32.1280



43.1700, -21.2828, 13.0059



37.1870, 2.8658, -32.6130



38.0940, 24.1107, -33.4084



# Rectangle

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



44.3660, 1.7916, 32.1280



44.1040, -14.3483, 28.8498



37.1870, 2.8658, -32.6130



40.2480, 17.1327, -35.2975

# Sweetspot

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



44.3660, 1.7916, 32.1280



90.6040, 0.6882, 12.6253



41.2510, 19.5963, 14.6889



44.8700, 0.5571, 8.0070



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000



# Same Dimension

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



44.3660, 1.7916, 32.1280



48.0030, 2.4635, 49.9864



44.6790, -9.7017, 31.8535



38.3100, -0.1528, 2.3591



36.2970, 3.3046, 60.2525



80.1980, 7.2974, 133.1304



# Inverse Universe

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



44.3660, 1.7916, 32.1280



48.0030, 2.4635, 49.9864



61.3210, 9.7017, -31.8535



38.3100, -0.1528, 2.3591



36.2970, 3.3046, 60.2525

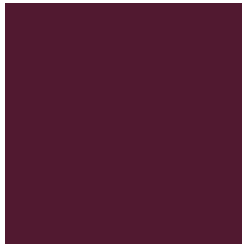


80.1980, 7.2974, 133.1304



# Previews

## White Background



This preview shows how the YUV color 44.3660, 1.7916, 32.1280 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

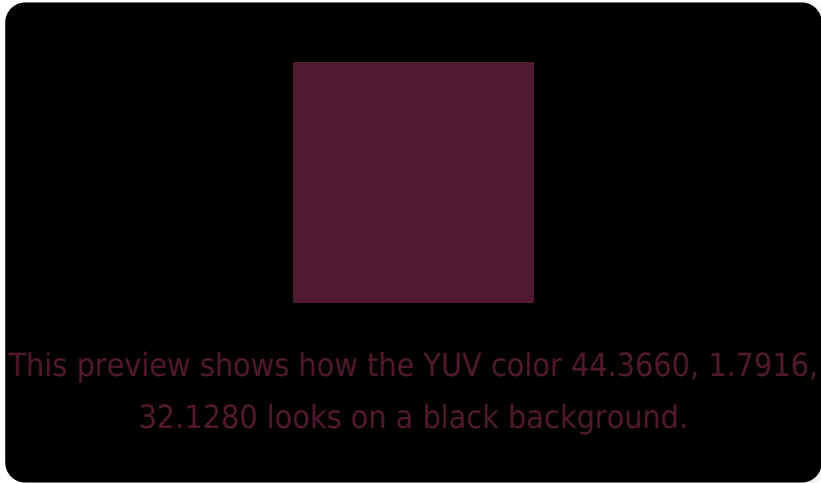
Any Text WCAG AA ✓ Pass

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

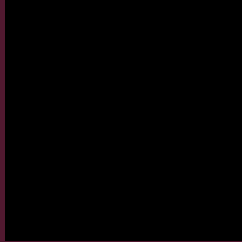
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 44.3660, 1.7916, 32.1280

## Background



This preview shows how black text looks on a background with the YUV color 44.3660, 1.7916, 32.1280.



This preview shows how white text looks on a background with the YUV color 44.3660, 1.7916, 32.1280.



# 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

44.3660, 1.7916, 32.1280

### Protanopia

46.8130, 6.9942, -3.3440

### Deuteranopia

47.0930, -1.0318, 4.3034



## Tritanopia

44.4770, -6.6442, 31.1537

# Trichromacy



## Original Color

44.3660, 1.7916, 32.1280

## Protanomaly

45.7330, 5.0616, 9.8812

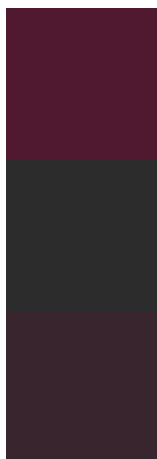
## Deuteranomaly

46.3870, -0.1908, 14.5696

## Tritanomaly

44.5740, -3.7340, 31.0686

# Monochromacy



## Original Color

44.3660, 1.7916, 32.1280

## Achromatopsia

44.0000, 0.0000, 0.0000

## Achromatomaly

43.8920, 0.5462, 11.4957

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 44.3660, 1.7916, 32.1280 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(81, 25, 48)` looks like.

```
.text, #text, p{  
    color:rgb(81, 25, 48)  
}
```

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(81, 25, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 25, 48) }
```

## Border

The CSS property to change the border of an element to YUV 44.3660, 1.7916, 32.1280 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(81, 25, 48) }
```



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

```
.border{ border-color:rgb(81, 25, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 25, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 25, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 25, 48);  
box-shadow:4px 4px 4px 4px rgb(81, 25, 48)  
}
```

# Background

The CSS property to change the background color of an element to YUV 44.3660, 1.7916, 32.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 25, 48) }
```

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

```
.background{ background-color: rgb(81, 25,  
48) }
```

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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