

# Converting Colors

YUV(43.6600, 82.9916,  
-18.9958)

Have a look what the booklet for  
YUV(43.6600, 82.9916, -18.9958)  
contains.

<b>YUV(43.6600, 82.9916, -18.9958)</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(43.6600, 82.9916,  
-18.9958)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1616D4
RGB	22, 22, 212
RGB Percent	9%, 9%, 83%
CMY	0.9137, 0.9137, 0.1686
CMYK	0.90, 0.90, 0.00, 0.17
HSL	240°, 81%, 46%
HSV	240°, 90%, 83%
XYZ	12.5015, 5.4979, 62.6896
YIQ	43.6600, -60.9900, 59.0900

# Conversions

## Conversions Part 2

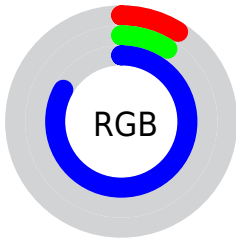
Format	Color
<a href="#">RYB</a>	<a href="#">22, 22, 212</a>
Decimal	<a href="#">1447636</a>
CIELab	<a href="#">28.11, 64.16, -90.33</a>
CIELCh	<a href="#">28, 110.798, 305.383</a>
Yxy	<a href="#">5.4979, 0.1549, 0.0681</a>
Android (android.graphics.Color)	<a href="#">4279637716 (0xFF1616D4)</a>
YUV	<a href="#">43.6600, 82.9916, -18.9958</a>
Hunter-Lab	<a href="#">23.4475, 54.1373, -142.1054</a>

# Details

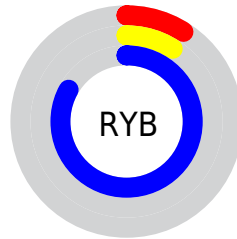
The YUV color **43.6600, 82.9916, -18.9958** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **190.3400, -82.9916, 18.9958**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.1700, 72.8802, 4.2359**, and **17.7840, 68.1405, -15.5966** is the 20% darker color. If you saturate the color by 10%, you get **25.0540, 92.1644, -21.0954**, and if you desaturate by 10%, it is **62.2660, 73.8189, -16.8963**.

# Distribution



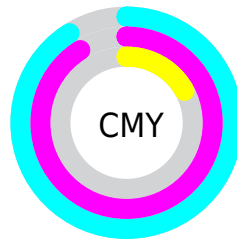
- Red (9%)
- Green (9%)
- Blue (83%)



- Red (9%)
- Yellow (9%)
- Blue (83%)



- Cyan (90%)
- Magenta (90%)
- Yellow (0%)
- Black (17%)



- Cyan (91%)
- Magenta (91%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.6600, 82.9916, -18.9958 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 43.6600, 82.9916, -18.9958 by changing the saturation by 10% instead.



■ 43.6600, 82.9916,  
-18.9958

■ 43.6600, 82.9916,  
-18.9958

■ 255.0000, 0.0000,  
0.0000

■ 20.8620, 79.9340,  
-18.2960

■ 107.1700, 72.8802,  
4.2359

■ 17.7840, 68.1405,  
-15.5966

■ 132.5980, 60.3442,  
11.7536

■ 14.5920, 55.9101,  
-12.7972

■ 157.4280, 48.1030,  
18.0416

■ 15.7370, 42.5277,  
-13.8013

■ 182.5460, 35.7198,  
23.2002

■ 14.6480, 30.7395,  
-12.8463

■ 208.5500, 22.8999,  
28.4587


■ 8.9770, 21.7033,  
-7.8728


■ 229.1720, 12.7332,


■ 4.7080, 12.9620,


22.6512


-4.1289


 246.1950, 4.3409,  
7.7220


 0.2280, 0.8736,  
-0.2000


 0.0000, 0.0000,  
0.0000


 43.6600, 82.9916,  
-18.9958

 43.6600, 82.9916,  
-18.9958

 25.0540, 92.1644,  
-21.0954

 62.2660, 73.8189,  
-16.8963

 24.1680, 92.6012,  
-21.1953

 80.8720, 64.6461,  
-14.7967

 100.3640, 55.0365,  
-12.5972

 118.9700, 45.8638,  
-10.4977

■ 137.5760, 36.6910,  
-8.3982

■ 156.1820, 27.5183,  
-6.2986

■ 174.7880, 18.3455,  
-4.1991

■ 194.2800, 8.7360,  
-1.9996

■ 212.8860, -0.4368,  
0.1000

# Harmonies

## Analogous

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



75.0040, 84.3010, -65.7785



43.6600, 82.9916, -18.9958



66.4910, 36.2399, 89.9004

# Triad

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



43.6600, 82.9916, -18.9958



50.9310, -25.1090, 73.7285



62.6510, 9.0461, -54.9449

# Complementary

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



43.6600, 82.9916, -18.9958



190.3400, -82.9916, 18.9958

# 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.



51.6560, -25.4664, -45.3023



43.6600, 82.9916, -18.9958



60.8350, -29.9917, 6.2837

# Square

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



43.6600, 82.9916, -18.9958



53.8200, -26.5333, 110.6599



49.3080, -24.3088, -43.2431



74.2160, 45.7425, -65.0874



# Rectangle

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



43.6600, 82.9916, -18.9958



67.8810, 7.9467, 111.4834



49.3080, -24.3088, -43.2431



58.5300, -4.2053, -51.3308

# Sweetspot

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



43.6600, 82.9916, -18.9958



193.8660, 30.1391, -6.8985



155.1900, 28.0073, -116.8076



91.6740, 17.9087, -4.0991



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



43.6600, 82.9916, -18.9958



29.0700, 111.3835, -25.4944



72.0650, 68.9880, 39.4080



97.2540, 4.8048, -1.0998



19.4940, 74.6925, -17.0962



4.9020, 18.7823, -4.2991



# Inverse Universe

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



100.4700, 54.9843, 97.8118



105.3150, 73.7947, 131.2737



161.9350, -68.9880, -39.4080



100.5430, 3.1833, 5.6628



70.6230, 49.4859, 88.0306

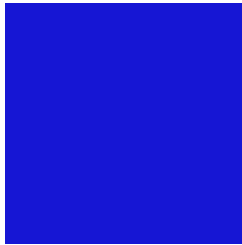


17.7590, 12.4438, 22.1364



# Previews

## White Background



This preview shows how the YUV color 43.6600, 82.9916, -18.9958 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

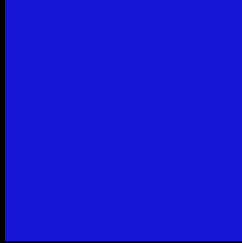
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 43.6600, 82.9916, -18.9958 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

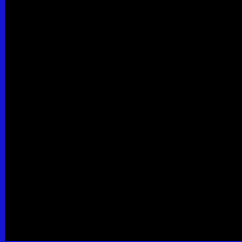
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 43.6600, 82.9916, -18.9958

## Background



This preview shows how black text looks on a background with the YUV color 43.6600, 82.9916, -18.9958.



This preview shows how white text looks on a background with the YUV color 43.6600, 82.9916, -18.9958.

-18.9958.

# 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

43.6600, 82.9916, -18.9958

### Protanopia

52.9580, 40.4467, -46.4442

### Deuteranopia

53.4990, 29.8270, -46.9186



## Tritanopia

52.2160, 12.2185, -45.7934

# Trichromacy



## Original Color

43.6600, 82.9916, -18.9958

## Protanomaly

49.7370, 55.8387, -36.6033

## Deuteranomaly

50.0160, 49.2921, -36.8480

## Tritanomaly

49.0410, 37.9408, -35.9930

# Monochromacy



## Original Color

43.6600, 82.9916, -18.9958

## Achromatopsia

44.0000, 0.0000, 0.0000

## Achromatomaly

43.8660, 30.1391, -6.8985

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.6600, 82.9916, -18.9958 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(22, 22, 212)` looks like.

```
.text, #text, p{  
    color:rgb(22, 22, 212)  
}
```

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(22, 22, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 22, 212) }
```

## Border

The CSS property to change the border of an element to YUV 43.6600, 82.9916, -18.9958 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(22, 22, 212) }
```



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

```
.border{ border-color:rgb(22, 22, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 22, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 22, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 22, 212);  
box-shadow:4px 4px 4px 4px rgb(22, 22,  
212) }
```

# Background

The CSS property to change the background color of an element to YUV 43.6600, 82.9916, -18.9958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 22, 212) }
```

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

```
.background{ background-color: rgb(22, 22,  
212) }
```

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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