

# Converting Colors

YUV(59.8400, 2.5439, -22.6617)

Have a look what the booklet for  
YUV(59.8400, 2.5439, -22.6617)  
contains.

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# Color

**YUV(59.8400, 2.5439,  
-22.6617)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	224841
RGB	34, 72, 65
RGB Percent	13%, 28%, 25%
CMY	0.8667, 0.7176, 0.7451
CMYK	0.53, 0.00, 0.10, 0.72
HSL	169°, 36%, 21%
HSV	169°, 53%, 28%
XYZ	3.9312, 5.3565, 5.8277
YIQ	59.8400, -20.4010, -10.2330

# Conversions

## Conversions Part 2

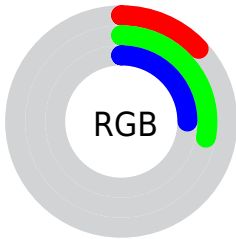
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 55, 72
Decimal	2246721
CIE Lab	27.73, -15.56, 0.02
CIE LCh	28, 15.564, 179.928
Yxy	5.3565, 0.2601, 0.3544
Android (android.graphics.Color)	4280436801 (0xFF224841)
YUV	59.8400, 2.5439, -22.6617
Hunter-Lab	23.1440, -10.1825, 1.2714

# Details

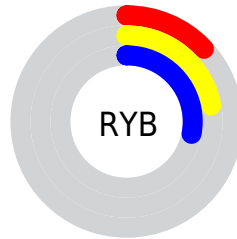
The YUV color **59.8400, 2.5439, -22.6617** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46.1600, -2.5439, 22.6617**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.4270, 2.2545, -23.1765**, and **19.6450, 1.6540, -17.2287** is the 20% darker color. If you saturate the color by 10%, you get **57.6330, 3.1389, -26.8651**, and if you desaturate by 10%, it is **62.0470, 1.9488, -18.4582**.

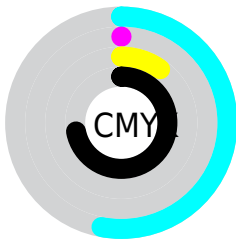
# Distribution



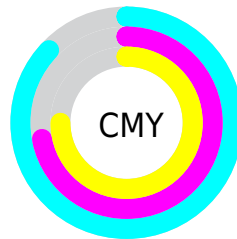
- Red (13%)
- Green (28%)
- Blue (25%)



- Red (13%)
- Yellow (22%)
- Blue (28%)



- Cyan (53%)
- Magenta (0%)
- Yellow (10%)
- Black (72%)



- Cyan (87%)
- Magenta (72%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 59.8400, 2.5439, -22.6617 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 59.8400, 2.5439, -22.6617 by changing the saturation by 10% instead.



■ 59.8400, 2.5439,  
-22.6617

■ 59.8400, 2.5439,  
-22.6617

255.0000, 0.0000,  
0.0000

■ 36.3560, 3.2755,  
-23.9912

■ 108.4270, 2.2545,  
-23.1765

■ 19.6450, 1.6540,  
-17.2287

■ 134.0140, 1.9651,  
-23.6913

■ 0.0000, 0.0000,  
0.0000

■ 159.7150, 2.1125,  
-24.3061

■ 187.4160, 2.2599,  
-24.9208

■ 215.0030, 1.9705,  
-25.4356

■ 241.9430, 2.9861,

-24.5060

251.4120, 1.7689,  
-7.3773

59.8400, 2.5439,  
-22.6617

59.8400, 2.5439,  
-22.6617

57.6330, 3.1389,  
-26.8651

62.0470, 1.9488,  
-18.4582

55.3120, 3.2972,  
-30.9686

64.3680, 1.7906,  
-14.3547

52.8060, 4.0396,  
-35.7869

66.8740, 1.0481,  
-9.5365

50.5990, 4.6347,  
-39.9903

69.0810, 0.4531,  
-5.3330

48.9900, 4.9349,  
-42.9642

71.4020, 0.2948,  
-1.2296

■ 73.6090, -0.3002,  
2.9739

■ 75.8160, -0.8953,  
7.1774

■ 78.4360, -1.2009,  
11.8956

■ 80.6430, -1.7960,  
16.0991

# Harmonies

## Analogous

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



61.7720, -4.3246, -12.9550



59.8400, 2.5439, -22.6617



59.1150, 8.8173, -28.1649

# Triad

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



59.8400, 2.5439, -22.6617



66.2310, 9.7461, 0.6744



66.0530, -10.3791, 15.7395

# Complementary

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



59.8400, 2.5439, -22.6617



46.1600, -2.5439, 22.6617

# 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.



66.2260, -6.0274, 19.9728



59.8400, 2.5439, -22.6617



67.7440, 5.0562, 11.6255

# Square

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



59.8400, 2.5439, -22.6617



64.4250, 12.1155, -12.6507



67.2950, -0.6384, 18.1583



65.0690, -11.3730, 7.8325



# Rectangle

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



59.8400, 2.5439, -22.6617



59.8100, 11.4327, -27.0204



67.2950, -0.6384, 18.1583



65.8190, -8.7848, 17.6987

# Sweetspot

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



59.8400, 2.5439, -22.6617



89.2870, 1.3375, -9.0217



58.6980, -12.1761, -14.6441



45.1950, 0.8899, -5.4330



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000



# Same Dimension

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



59.8400, 2.5439, -22.6617



75.1050, 3.8922, -35.1721



54.1810, 8.7848, -17.6987



34.6900, 0.1528, -2.3591



67.3470, 6.7309, -59.0633



154.3390, 15.1159, -135.3553



# Inverse Universe

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



46.1600, -2.5439, 22.6617



53.8950, -3.8922, 35.1721



51.8190, -8.7848, 17.6987



33.3100, -0.1528, 2.3591



31.6530, -6.7309, 59.0633



72.6610, -15.1159, 135.3553



# Previews

## White Background



This preview shows how the YUV color 59.8400, 2.5439, -22.6617 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

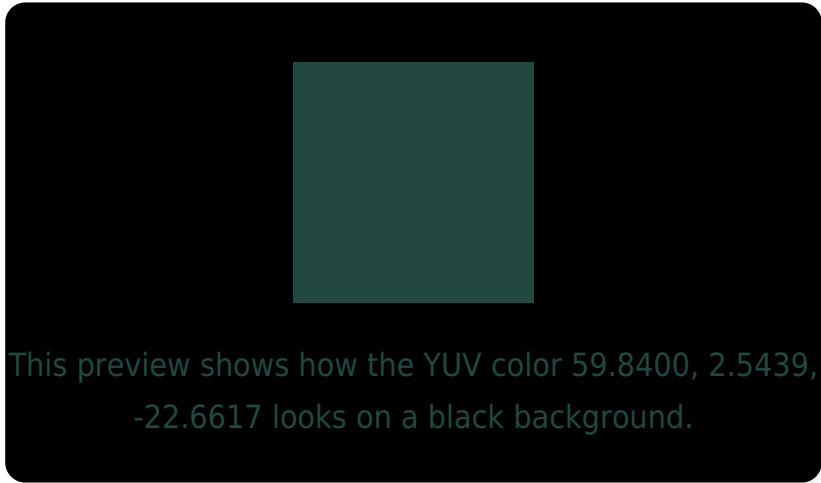
Any Text WCAG AA ✓ Pass

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

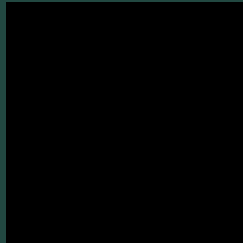
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 59.8400, 2.5439, -22.6617

## Background



This preview shows how black text looks on a background with the YUV color 59.8400, 2.5439, -22.6617.



This preview shows how white text looks on a background with the YUV color 59.8400, 2.5439, -22.6617.

-22.6617.

# 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

59.8400, 2.5439, -22.6617

### Protanopia

65.1420, -2.0420, 1.6295

### Deuteranopia

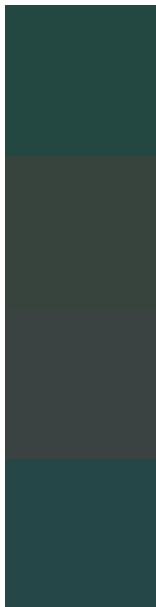
65.8480, 0.5679, 4.5183



## Tritanopia

61.1160, 7.3378, -20.2727

# Trichromacy



## Original Color

59.8400, 2.5439, -22.6617

## Protanomaly

63.4290, -0.7045, -7.3922

## Deuteranomaly

63.6080, 1.1793, -4.9182

## Tritanomaly

60.9480, 5.4486, -21.0024

# Monochromacy



## Original Color

59.8400, 2.5439, -22.6617

## Achromatopsia

60.0000, 0.0000, 0.0000

## Achromatomaly

59.8850, 1.0427, -7.7921

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 59.8400, 2.5439, -22.6617 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(34, 72, 65)` looks like.

```
.text, #text, p{  
    color:rgb(34, 72, 65)  
}
```

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(34, 72, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 72, 65) }
```

## Border

The CSS property to change the border of an element to YUV 59.8400, 2.5439, -22.6617 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(34, 72, 65) }
```



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

```
.border{ border-color:rgb(34, 72, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 72, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 72, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 72, 65);  
box-shadow:4px 4px 4px 4px rgb(34, 72, 65)  
}
```

# Background

The CSS property to change the background color of an element to YUV 59.8400, 2.5439, -22.6617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 72, 65) }
```

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

```
.background{ background-color: rgb(34, 72,  
65) }
```

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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