

# Converting Colors

YUV(136.3800, -23.3583,  
-21.3813)

Have a look what the booklet for  
YUV(136.3800, -23.3583, -21.3813)  
contains.

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# Color

**YUV(136.3800, -23.3583,  
-21.3813)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	709E59
RGB	112, 158, 89
RGB Percent	44%, 62%, 35%
CMY	0.5608, 0.3804, 0.6510
CMYK	0.29, 0.00, 0.44, 0.38
HSL	100°, 28%, 48%
HSV	100°, 44%, 62%
XYZ	20.7121, 28.6197, 13.8837
YIQ	136.3800, -5.2670, -31.2110

# Conversions

## Conversions Part 2

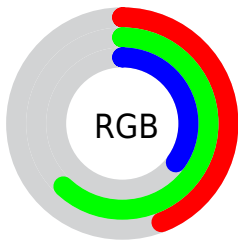
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 158, 135
Decimal	7380569
CIELab	60.44, -28.62, 31.14
CIELCh	60, 42.290, 132.588
Yxy	28.6197, 0.3276, 0.4527
Android (android.graphics.Color)	4285570649 (0xFF709E59)
YUV	136.3800, -23.3583, -21.3813
Hunter-Lab	53.4974, -24.5122, 22.0612

# Details

The YUV color **136.3800, -23.3583, -21.3813** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **110.6200, 23.3583, 21.3813**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3260, -24.8107, -22.2109**, and **85.1350, -21.7586, -21.1664** is the 20% darker color. If you saturate the color by 10%, you get **131.2670, -28.7256, -26.5442**, and if you desaturate by 10%, it is **141.4930, -17.9910, -16.2184**.

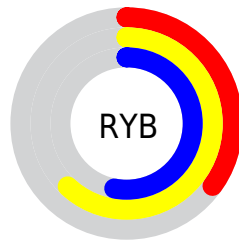
# Distribution



Red (44%)

Green (62%)

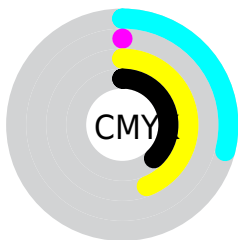
Blue (35%)



Red (35%)

Yellow (62%)

Blue (53%)

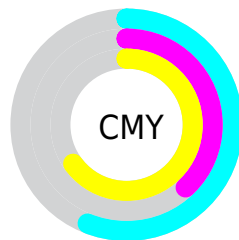


Cyan (29%)

Magenta (0%)

Yellow (44%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 136.3800, -23.3583, -21.3813 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 136.3800, -23.3583, -21.3813 by changing the saturation by 10% instead.



■ 136.3800,  
-23.3583, -21.3813

■ 136.3800,  
-23.3583, -21.3813

■ 255.0000, 0.0000,  
0.0000

■ 110.6080,  
-22.4847, -21.5812

■ 190.3260,  
-24.8107, -22.2109

■ 85.1350, -21.7586,  
-21.1664

■ 218.2120,  
-25.2475, -22.1109

■ 60.9500, -21.1743,  
-21.8811

■ 237.8800,  
-21.6328, -14.8038

■ 37.0360, -18.2587,  
-23.7106

■ 249.7430,  
-13.6773, 0.2254

■ 21.7190, -10.7075,  
-19.0476

■ 254.5440, -1.7472,  
0.3999

■ 1.7610, -0.8682,  
-1.5444

■ 0.0000, 0.0000,

0.0000

■ 136.3800,  
-23.3583, -21.3813

■ 136.3800,  
-23.3583, -21.3813

■ 131.2670,  
-28.7256, -26.5442

■ 141.4930,  
-17.9910, -16.2184

■ 126.4530,  
-34.2403, -31.0923

■ 146.3070,  
-12.4764, -11.6702

■ 121.4540,  
-39.1708, -36.3552

■ 151.3060, -7.5459,  
-6.4074

■ 116.6400,  
-44.6855, -40.9033

■ 156.1200, -2.0312,  
-1.8592

■ 111.5270,  
-50.0528, -46.0662

■ 161.2330, 3.3361,  
3.3037

■ 108.5930,  
-53.5363, -48.7551

■ 166.0470, 8.8508,  
7.8518

■ 171.1600, 14.2181,  
13.0147

■ 175.8600, 19.2960,  
17.6628

■ 180.9730, 24.6633,  
22.8257

# Harmonies

## Analogous

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



141.3040, -34.6599, 10.2574



136.3800, -23.3583, -21.3813



126.6320, -2.2836, -61.0673

# Triad

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



136.3800, -23.3583, -21.3813



116.1960, 49.2034, -101.9039



147.3220, -8.0467, 61.1076

# Complementary

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



136.3800, -23.3583, -21.3813



110.6200, 23.3583, 21.3813

# 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.



149.5280, 9.5997, 47.7719



136.3800, -23.3583, -21.3813



143.1670, 36.8927, -26.4565

# Square

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



136.3800, -23.3583, -21.3813



117.9110, 38.0049, -103.4079



149.7550, 25.2638, 16.8779



146.0490, -24.1812, 56.0850



# Rectangle

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



136.3800, -23.3583, -21.3813



113.7270, 16.8966, -99.7386



149.7550, 25.2638, 16.8779



148.2060, -2.0736, 58.5783

# Sweetspot

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



136.3800, -23.3583, -21.3813



198.5400, -9.1402, -8.3666



136.6330, -23.4831, 18.7389



99.4740, -5.6567, -5.6777



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



136.3800, -23.3583, -21.3813



173.1600, -36.5609, -33.4663



130.8710, -14.7264, -36.7209



76.5930, -2.7573, -2.2741



98.2930, -48.4584, -44.1070



10.3000, -5.0779, -4.6481



# Inverse Universe

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



110.6200, 23.3583, 21.3813



132.8400, 36.5609, 33.4663



116.2430, 15.1632, 36.6209



73.4070, 2.7573, 2.2741



44.7070, 48.4584, 44.1070



4.7000, 5.0779, 4.6481



# Previews

## White Background



This preview shows how the YUV color 136.3800, -23.3583, -21.3813 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 136.3800, -23.3583, -21.3813 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

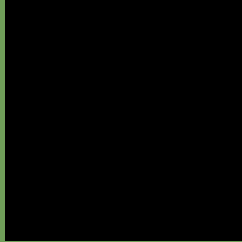
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 136.3800, -23.3583, -21.3813 Background



This preview shows how black text looks on a background with the YUV color 136.3800, -23.3583, -21.3813.



This preview shows how white text looks on a background with the YUV color 136.3800, -23.3583, -21.3813.



# 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

136.3800, -23.3583, -21.3813

### Protanopia

142.2320, -28.7084, 14.7055

### Deuteranopia

144.6340, -24.9626, 26.6310



## Tritanopia

143.5940, 9.0742, -17.1839

# Trichromacy



## Original Color

136.3800, -23.3583, -21.3813

## Protanomaly

140.3120, -26.7758, 1.4804

## Deuteranomaly

141.6380, -24.4715, 9.0875

## Tritanomaly

141.0810, -2.9979, -18.4880

# Monochromacy



## Original Color

136.3800, -23.3583, -21.3813

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

136.0670, -8.4140, -7.9518

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.3800, -23.3583, -21.3813 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(112, 158, 89)` looks like.

```
.text, #text, p{  
    color:rgb(112, 158, 89)  
}
```

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(112, 158, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 158, 89) }
```

## Border

The CSS property to change the border of an element to YUV 136.3800, -23.3583, -21.3813 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(112, 158, 89) }
```



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

```
.border{ border-color:rgb(112, 158, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 158, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 158, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 158, 89);  
box-shadow:4px 4px 4px 4px rgb(112, 158,  
89) }
```

# Background

The CSS property to change the background color of an element to YUV 136.3800, -23.3583, -21.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 158, 89) }
```

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

```
.background{ background-color: rgb(112,  
158, 89) }
```

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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