

# Converting Colors

YUV(177.1630, -23.7444,  
55.9850)

Have a look what the booklet for  
YUV(177.1630, -23.7444, 55.9850)  
contains.

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# Color

**YUV(177.1630, -23.7444,  
55.9850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F19A81
RGB	241, 154, 129
RGB Percent	95%, 60%, 51%
CMY	0.0549, 0.3961, 0.4941
CMYK	0.00, 0.36, 0.46, 0.05
HSL	13°, 80%, 73%
HSV	13°, 46%, 95%
XYZ	51.7937, 43.3970, 26.4155
YIQ	177.1630, 59.8770, 10.6690

# Conversions

## Conversions Part 2

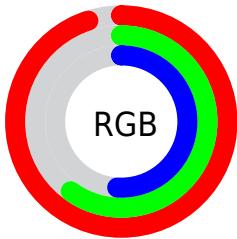
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">241, 161, 129</a>
Decimal	<a href="#">15833729</a>
<a href="#">CIELab</a>	<a href="#">71.82, 29.85, 26.68</a>
<a href="#">CIElCh</a>	<a href="#">72, 40.035, 41.796</a>
<a href="#">Yxy</a>	<a href="#">43.3970, 0.4259, 0.3569</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294023809 (0xFFFF19A81)</a>
<a href="#">YUV</a>	<a href="#">177.1630, -23.7444, 55.9850</a>
<a href="#">Hunter-Lab</a>	<a href="#">65.8764, 25.0576, 22.3390</a>

# Details

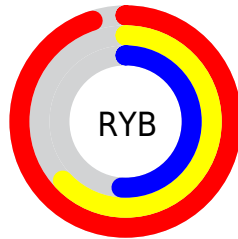
The YUV color **177.1630, -23.7444, 55.9850** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **192.8370, 23.7444, -55.9850**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.6760, -18.5743, 30.9791**, and **123.2980, -21.8389, 51.4817** is the 20% darker color. If you saturate the color by 10%, you get **163.2740, -28.7291, 68.1657**, and if you desaturate by 10%, it is **191.0520, -18.7596, 43.8044**.

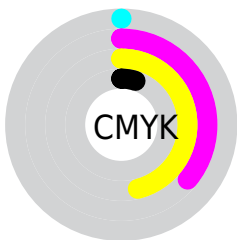
# Distribution



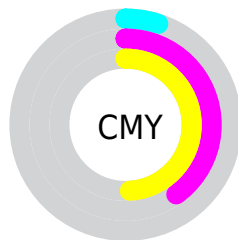
- Red (95%)
- Green (60%)
- Blue (51%)



- Red (95%)
- Yellow (63%)
- Blue (51%)



- Cyan (0%)
- Magenta (36%)
- Yellow (46%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 177.1630, -23.7444, 55.9850 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 177.1630, -23.7444, 55.9850 by changing the saturation by 10% instead.



177.1630,  
-23.7444, 55.9850

177.1630,  
-23.7444, 55.9850

255.0000, 0.0000,  
0.0000

150.0810,  
-22.7179, 53.4260

219.6760,  
-18.5743, 30.9791

123.2980,  
-21.8389, 51.4817

239.8910,  
-14.7363, 13.2506

97.3300, -20.3757,  
48.8226

253.0620, -7.4256,  
1.6996

72.3620, -18.9125,  
46.1635

47.5080, -17.0124,  
43.4045

23.2780, -11.4761,  
40.9752

13.7540, -6.7807,

28.2797

■ 0.0000, 0.0000,  
0.0000

■ 177.1630,  
-23.7444, 55.9850

■ 177.1630,  
-23.7444, 55.9850

■ 163.2740,  
-28.7291, 68.1657

■ 191.0520,  
-18.7596, 43.8044

■ 149.9720,  
-34.0032, 79.8316

■ 204.3540,  
-13.4855, 32.1385

■ 136.0830,  
-38.9879, 92.0122

■ 218.2430, -8.5008,  
19.9579

■ 122.1940,  
-43.9726, 104.1929

■ 232.1320, -3.5161,  
7.7772

■ 108.1910,  
-49.3942, 116.4735

■ 246.1350, 1.9054,  
-4.5034

■ 103.7570,  
-51.1522, 120.3621

■ 250.8140, 2.0637,  
-8.6069

# Harmonies

## Analogous

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



178.7240, -7.7519, 59.8781



177.1630, -23.7444, 55.9850



175.1210, -33.5837, 38.4819

# Triad

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



177.1630, -23.7444, 55.9850



160.8070, -4.3419, -54.2047



174.5370, 35.7243, -25.0269

# Complementary

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



177.1630, -23.7444, 55.9850



192.8370, 23.7444, -55.9850

# 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.



161.0320, 41.3962, -71.0651



177.1630, -23.7444, 55.9850



148.3730, 20.5221, -95.9201

# Square

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



177.1630, -23.7444, 55.9850



167.3910, -23.3638, -19.6369



138.8270, 41.9903, -121.7513



180.3420, 24.9744, 16.3631



# Rectangle

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



177.1630, -23.7444, 55.9850



173.5550, -35.2766, 21.4383



138.8270, 41.9903, -121.7513



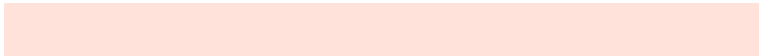
170.8340, 38.5358, -40.1964

# Sweetspot

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



177.1630, -23.7444, 55.9850



234.4600, -7.6218, 18.0136



172.5200, 21.9286, 60.0570



115.5130, -4.6899, 10.9511



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.



177.1630, -23.7444, 55.9850



173.5410, -30.3397, 71.4395



209.4480, -39.6609, 27.6711



113.3490, -2.6371, 5.8329



79.0830, -38.9879, 92.0122



24.3750, -12.0169, 27.7351

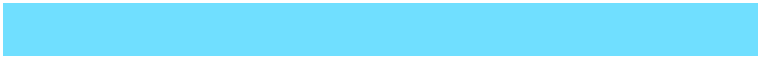


# Inverse Universe

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



192.8370, 23.7444, -55.9850



193.4590, 30.3397, -71.4395



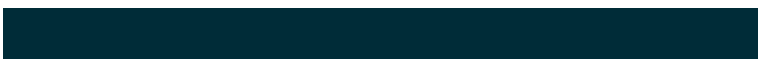
160.5520, 39.6609, -27.6711



114.6510, 2.6371, -5.8329



104.9170, 38.9879, -92.0122



32.2120, 11.7275, -28.2499



# Previews

## White Background



This preview shows how the YUV color 177.1630, -23.7444, 55.9850 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

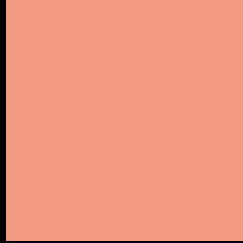
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 177.1630, -23.7444, 55.9850 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 ✓ Pass

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

# YUV 177.1630, -23.7444, 55.9850

## Background



This preview shows how black text looks on a background with the YUV color 177.1630, -23.7444, 55.9850.



This preview shows how white text looks on a background with the YUV color 177.1630, -23.7444,



# 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

177.1630, -23.7444, 55.9850

### Protanopia

175.3700, -17.9304, 11.0765

### Deuteranopia

176.3570, -24.8260, 29.5049



## Tritanopia

179.3600, -9.0515, 56.6893

# Trichromacy



## Original Color

177.1630, -23.7444, 55.9850

## Protanomaly

175.8990, -20.1632, 27.2756

## Deuteranomaly

176.8250, -24.5637, 38.7415

## Tritanomaly

178.2800, -14.4350, 56.7594

# Monochromacy



## Original Color

177.1630, -23.7444, 55.9850

## Achromatopsia

177.0000, 0.0000, 0.0000

## Achromatomaly

177.2430, -8.5008, 19.9579

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 177.1630, -23.7444, 55.9850 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(241, 154, 129)` looks like.

```
.text, #text, p{  
    color:rgb(241, 154, 129)  
}
```

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(241, 154, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 154, 129) }
```

## Border

The CSS property to change the border of an element to YUV 177.1630, -23.7444, 55.9850 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(241, 154, 129) }
```



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

```
.border{ border-color:rgb(241, 154, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 154, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 154, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 154, 129);  
box-shadow:4px 4px 4px 4px rgb(241, 154,  
129) }
```

# Background

The CSS property to change the background color of an element to YUV 177.1630, -23.7444, 55.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 154, 129) }
```

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

```
.background{ background-color: rgb(241,  
154, 129) }
```

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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