

# Converting Colors

YUV(230.6460, -33.3495,  
9.9575)

Have a look what the booklet for  
YUV(230.6460, -33.3495, 9.9575)  
contains.

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# Color

**YUV(230.6460, -33.3495,  
9.9575)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2EEA3
RGB	242, 238, 163
RGB Percent	95%, 93%, 64%
CMY	0.0510, 0.0667, 0.3608
CMYK	0.00, 0.02, 0.33, 0.05
HSL	57°, 75%, 79%
HSV	57°, 33%, 95%
XYZ	73.8033, 82.6707, 46.7175
YIQ	230.6460, 26.4590, -22.4770

# Conversions

## Conversions Part 2

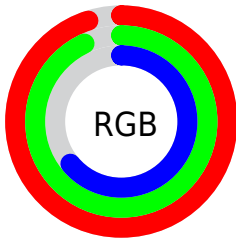
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 242, 163
Decimal	15920803
CIE <sub>Lab</sub>	92.87, -9.70, 36.86
CIE <sub>LCh</sub>	93, 38.115, 104.744
Yxy	82.6707, 0.3632, 0.4069
Android (android.graphics.Color)	4294110883 (0xFFFF2EEA3)
YUV	230.6460, -33.3495, 9.9575
Hunter-Lab	90.9234, -14.2259, 33.1825

# Details

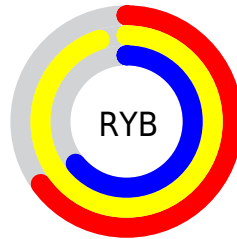
The YUV color  $230.6460, -33.3495, 9.9575$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $174.3540, 33.3495, -9.9575$ , and the grayscale version is  $231.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $250.8960, -15.7247, 3.5992$ , and  $174.6890, -31.8917, 9.0427$  is the 20% darker color. If you saturate the color by 10%, you get  $227.3230, -43.5432, 12.8717$ , and if you desaturate by 10%, it is  $233.9690, -23.1557, 7.0432$ .

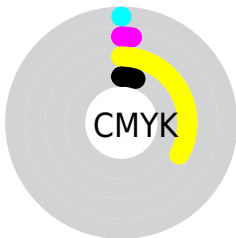
# Distribution



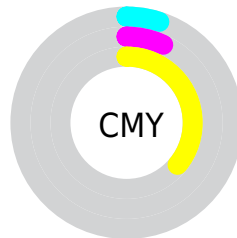
- Red (95%)
- Green (93%)
- Blue (64%)



- Red (65%)
- Yellow (95%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (33%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.6460, -33.3495, 9.9575 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 230.6460, -33.3495, 9.9575 by changing the saturation by 10% instead.



230.6460,  
-33.3495, 9.9575

230.6460,  
-33.3495, 9.9575

255.0000, 0.0000,  
0.0000

202.4610,  
-32.7653, 9.2427

250.8960,  
-15.7247, 3.5992

174.6890,  
-31.8917, 9.0427

254.0880, -3.4944,  
0.7998

147.6180,  
-30.8707, 8.2280

121.5470,  
-29.8497, 7.4133

96.3620, -29.2655,  
6.6985

71.8350, -29.9917,  
6.2837

50.4910, -24.8921,

3.9544

■ 30.4010, -14.9877,  
0.5253

■ 9.3920, -4.6303,  
-8.2368

■ 230.6460,  
-33.3495, 9.9575

■ 230.6460,  
-33.3495, 9.9575

■ 227.3230,  
-43.5432, 12.8717

■ 233.9690,  
-23.1557, 7.0432

■ 224.0000,  
-53.7370, 15.7860

■ 237.2920,  
-12.9620, 4.1289

■ 219.9760,  
-64.0782, 19.3150

■ 241.3160, -2.6208,  
0.5999

■ 216.6530,  
-74.2719, 22.2293

■ 244.0690, 5.3890,  
-1.8145

■ 213.3300,  
-84.4657, 25.1436

■ 244.6560, 5.0996,  
-2.3293

■ 210.0070,  
-94.6595, 28.0579

■ 245.2430, 4.8102,  
-2.8441

■ 207.3680,  
-102.2324, 30.3723

■ 246.4170, 4.2314,  
-3.8737

■ 247.0040, 3.9420,  
-4.3885

■ 247.5910, 3.6526,  
-4.9033

# Harmonies

## Analogous

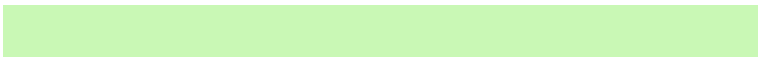
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.6030, -31.3563, 24.0272



230.6460, -33.3495, 9.9575



226.3090, -22.3373, -22.1960

# Triad

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



230.6460, -33.3495, 9.9575



213.1730, 20.6207, -80.8357



227.9980, 13.3120, 23.6808

# Complementary

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



230.6460, -33.3495, 9.9575



174.3540, 33.3495, -9.9575

# 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.



233.8680, 10.4181, 18.5328



230.6460, -33.3495, 9.9575



219.8390, 17.3344, -53.3558

# Square

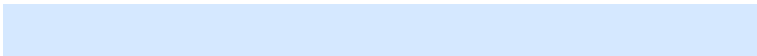
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.6460, -33.3495, 9.9575



215.1900, 18.1473, -80.8506



228.9410, 12.8471, -13.9803



223.1930, -2.5601, 27.8947

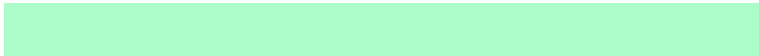


# Rectangle

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



230.6460, -33.3495, 9.9575



222.3800, -10.0473, -44.1833



228.9410, 12.8471, -13.9803



229.7590, 12.4438, 22.1364

# Sweetspot

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



230.6460, -33.3495, 9.9575



251.5630, -10.6306, 3.0142



187.1910, -9.4612, 48.0675



125.5890, -6.6994, 2.1144



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

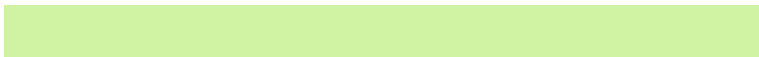
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.6460, -33.3495, 9.9575



240.7790, -41.7960, 12.4718



222.8280, -29.4952, -13.0042



118.0450, -4.9522, 1.7145



157.1540, -77.4769, 23.5439



47.8550, -23.5925, 7.1432



# Inverse Universe

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



174.3540, 33.3495, -9.9575



170.2210, 41.7960, -12.4718



182.1720, 29.4952, 13.0042



109.3680, 5.2416, -1.1997



26.2590, 77.7663, -23.0291

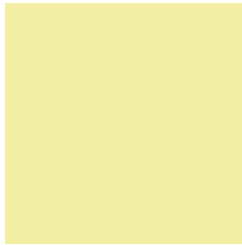


8.1450, 23.5925, -7.1432



# Previews

## White Background



This preview shows how the YUV color 230.6460, -33.3495, 9.9575 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

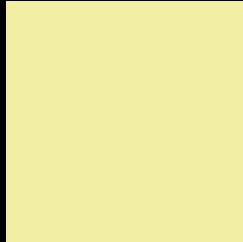
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.6460, -33.3495, 9.9575 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

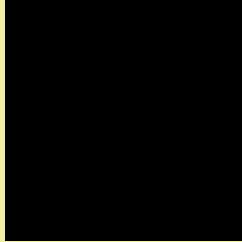
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 230.6460, -33.3495, 9.9575

## Background



This preview shows how black text looks on a background with the YUV color 230.6460, -33.3495, 9.9575.



This preview shows how white text looks on a background with the YUV color 230.6460, -33.3495, 9.9575.



# 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

230.6460, -33.3495, 9.9575

### Protanopia

231.3590, -34.6870, 18.9792

### Deuteranopia

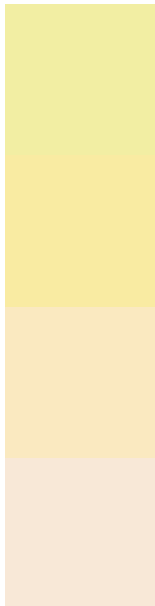
234.9670, -13.2947, 17.5689



## Tritanopia

237.1140, 3.8878, 13.0550

# Trichromacy



## Original Color

230.6460, -33.3495, 9.9575

## Protanomaly

230.8640, -33.9500, 15.9053

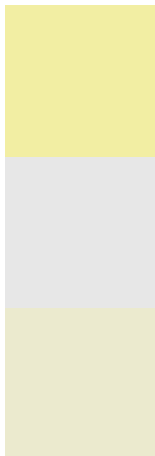
## Deuteranomaly

233.4090, -20.4146, 14.5503

## Tritanomaly

234.8460, -9.7841, 11.5361

# Monochromacy



## Original Color

230.6460, -33.3495, 9.9575

## Achromatopsia

231.0000, 0.0000, 0.0000

## Achromatomaly

231.1070, -12.3778, 3.4142

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.6460, -33.3495, 9.9575 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(242, 238, 163)` looks like.

```
.text, #text, p{  
    color:rgb(242, 238, 163)  
}
```

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(242, 238, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 238, 163) }
```

## Border

The CSS property to change the border of an element to YUV 230.6460, -33.3495, 9.9575 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(242, 238, 163) }
```



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

```
.border{ border-color:rgb(242, 238, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 238, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 238, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 238, 163);  
box-shadow:4px 4px 4px 4px rgb(242, 238,  
163) }
```

# Background

The CSS property to change the background color of an element to YUV 230.6460, -33.3495, 9.9575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 238, 163) }
```

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

```
.background{ background-color: rgb(242,  
238, 163) }
```

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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