

# Converting Colors

YUV(191.5070, -15.5330,  
35.5124)

Have a look what the booklet for  
YUV(191.5070, -15.5330, 35.5124)  
contains.

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# Color

**YUV(191.5070, -15.5330,  
35.5124)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8B1A0
RGB	232, 177, 160
RGB Percent	91%, 69%, 63%
CMY	0.0902, 0.3059, 0.3725
CMYK	0.00, 0.24, 0.31, 0.09
HSL	14°, 61%, 77%
HSV	14°, 31%, 91%
XYZ	55.3460, 51.1382, 40.2113
YIQ	191.5070, 38.2370, 6.3730

# Conversions

## Conversions Part 2

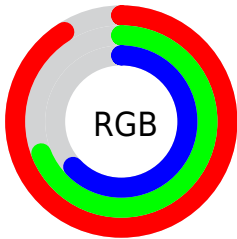
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 182, 160
Decimal	15249824
CIE Lab	76.76, 17.69, 16.44
CIE LCh	77, 24.152, 42.910
Yxy	51.1382, 0.3773, 0.3486
Android (android.graphics.Color)	4293439904 (0xFFE8B1A0)
YUV	191.5070, -15.5330, 35.5124
Hunter-Lab	71.5109, 13.0062, 16.7183

# Details

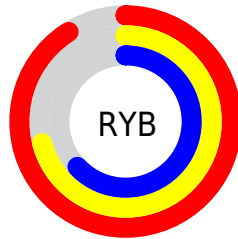
The YUV color  $191.5070, -15.5330, 35.5124$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $200.4930, 15.5330, -35.5124$ , and the grayscale version is  $192.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $237.5260, -11.1053, 15.3247$ , and  $137.4250, -14.5065, 32.9533$  is the 20% darker color. If you saturate the color by 10%, you get  $178.3190, -20.3703, 47.0782$ , and if you desaturate by 10%, it is  $204.6950, -10.6956, 23.9465$ .

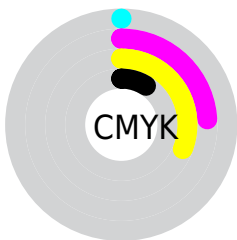
# Distribution



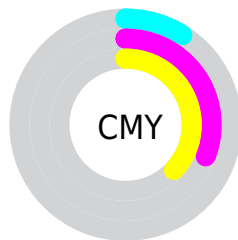
- Red (91%)
- Green (69%)
- Blue (63%)



- Red (91%)
- Yellow (71%)
- Blue (63%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (9%)



- Cyan (9%)
- Magenta (31%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 191.5070, -15.5330, 35.5124 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 191.5070, -15.5330, 35.5124 by changing the saturation by 10% instead.



191.5070,  
-15.5330, 35.5124

191.5070,  
-15.5330, 35.5124

255.0000, 0.0000,  
0.0000

164.0230,  
-14.8013, 34.1828

237.5260,  
-11.1053, 15.3247

137.4250,  
-14.5065, 32.9533

253.6320, -5.2416,  
1.1997

111.9410,  
-13.7749, 31.6237

87.1580, -12.8959,  
29.6794

63.3750, -12.0169,  
27.7351

40.4070, -10.5537,  
25.0761

18.7380, -9.2378,

23.0318

■ 2.9900, -1.4741,  
6.1478

■ 0.0000, 0.0000,  
0.0000

■ 191.5070,  
-15.5330, 35.5124

■ 191.5070,  
-15.5330, 35.5124

■ 178.3190,  
-20.3703, 47.0782

■ 204.6950,  
-10.6956, 23.9465

■ 165.7180,  
-25.4970, 58.1293

■ 217.2960, -5.5689,  
12.8954

■ 152.4160,  
-30.7711, 69.7952

■ 230.5980, -0.2948,  
1.2296

■ 139.2280,  
-35.6084, 81.3610

■ 243.7860, 4.5425,  
-10.3363

■ 126.0400,  
-40.4457, 92.9269

■ 248.1230, 3.3904,  
-14.1399

■ 113.4390,  
-45.5724, 103.9780

■ 101.6530,  
-50.1149, 114.3143

# Harmonies

## Analogous

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



192.9230, -6.3710, 36.9015



191.5070, -15.5330, 35.5124



189.9480, -21.1734, 24.6016

# Triad

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



191.5070, -15.5330, 35.5124



181.7050, -2.8126, -31.3133



189.5420, 21.4248, -11.8763

# Complementary

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



191.5070, -15.5330, 35.5124



200.4930, 15.5330, -35.5124

# 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.



184.8660, 23.2371, -33.2085



191.5070, -15.5330, 35.5124



179.8310, 9.4503, -44.5788

# Square

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



191.5070, -15.5330, 35.5124



184.5520, -14.0761, -11.8851



180.6380, 18.9125, -46.1635



192.8500, 14.3710, 10.6556



# Rectangle

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



191.5070, -15.5330, 35.5124



188.4690, -21.4302, 13.6207



180.6380, 18.9125, -46.1635



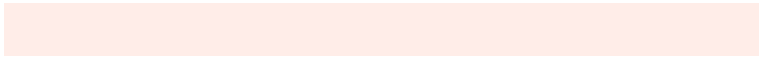
188.4270, 22.4675, -19.6685

# Sweetspot

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



191.5070, -15.5330, 35.5124



241.8120, -4.8373, 11.5659



187.7980, 13.4106, 38.7652



119.8330, -3.3687, 7.1625



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.



191.5070, -15.5330, 35.5124



202.0200, -20.2229, 46.4635



212.6390, -25.9510, 16.9796



108.3490, -2.6371, 5.8329



78.1750, -38.5403, 88.4235



22.2930, -10.9904, 25.1760



# Inverse Universe

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



200.4930, 15.5330, -35.5124



213.9800, 20.2229, -46.4635



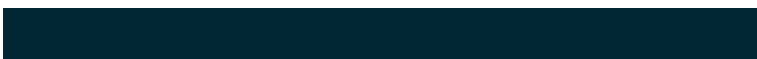
179.3610, 25.9510, -16.9796



109.6510, 2.6371, -5.8329



100.2380, 38.8297, -87.9087



28.7070, 10.9904, -25.1760



# Previews

## White Background



This preview shows how the YUV color 191.5070, -15.5330, 35.5124 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

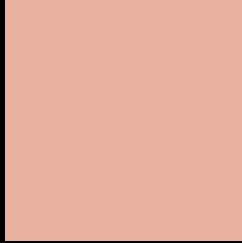
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 191.5070, -15.5330, 35.5124 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

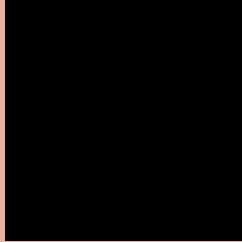
Any Text WCAG AA ✓ Pass

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 191.5070, -15.5330, 35.5124 Background



This preview shows how black text looks on a background with the YUV color 191.5070, -15.5330, 35.5124.



This preview shows how white text looks on a background with the YUV color 191.5070, -15.5330,

35.5124.

# 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

191.5070, -15.5330, 35.5124

### Protanopia

189.3680, -11.5204, 8.4473

### Deuteranopia

190.4410, -15.5004, 25.0462



## Tritanopia

193.0200, -3.4609, 36.8165

# Trichromacy



## Original Color

191.5070, -15.5330, 35.5124

## Protanomaly

190.3800, -13.0053, 18.0837

## Deuteranomaly

190.7620, -15.6587, 29.1497

## Tritanomaly

192.2820, -7.5340, 36.5867

# Monochromacy



## Original Color

191.5070, -15.5330, 35.5124

## Achromatopsia

192.0000, 0.0000, 0.0000

## Achromatomaly

192.1820, -6.0057, 12.9954

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 191.5070, -15.5330, 35.5124 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(232, 177, 160)` looks like.

```
.text, #text, p{  
    color:rgb(232, 177, 160)  
}
```

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(232, 177, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 177, 160) }
```

## Border

The CSS property to change the border of an element to YUV 191.5070, -15.5330, 35.5124 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(232, 177, 160) }
```



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

```
.border{ border-color:rgb(232, 177, 160) }
```

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

Here you see how a box with a 4 pixel rgb(232, 177, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 177, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 177, 160);  
box-shadow:4px 4px 4px 4px rgb(232, 177,  
160) }
```

# Background

The CSS property to change the background color of an element to YUV 191.5070, -15.5330, 35.5124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 177, 160) }
```

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

```
.background{ background-color: rgb(232,  
177, 160) }
```

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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