

# Converting Colors

YUV(184.2210, -21.8010,  
39.2712)

Have a look what the booklet for  
YUV(184.2210, -21.8010, 39.2712)  
contains.

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# Color

**YUV(184.2210, -21.8010,  
39.2712)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5AA8C
RGB	229, 170, 140
RGB Percent	90%, 67%, 55%
CMY	0.1020, 0.3333, 0.4510
CMYK	0.00, 0.26, 0.39, 0.10
HSL	20°, 63%, 72%
HSV	20°, 39%, 90%
XYZ	51.4214, 47.3009, 31.2307
YIQ	184.2210, 44.7940, 3.1780

# Conversions

## Conversions Part 2

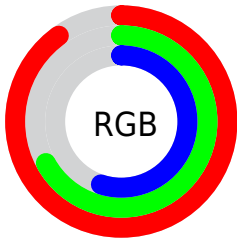
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 185, 140
Decimal	15051404
CIE Lab	74.38, 17.84, 23.93
CIE LCh	74, 29.850, 53.299
Yxy	47.3009, 0.3957, 0.3640
Android (android.graphics.Color)	4293241484 (0xFFE5AA8C)
YUV	184.2210, -21.8010, 39.2712
Hunter-Lab	68.7757, 13.1016, 21.2196

# Details

The YUV color  $184.2210, -21.8010, 39.2712$  is a light color, and the websafe version is hex  $CC9966$ . A complement of this color would be  $184.7790, 21.8010, -39.2712$ , and the grayscale version is  $184.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $230.4360, -17.9629, 21.5426$ , and  $130.9540, -20.1903, 35.9973$  is the 20% darker color. If you saturate the color by 10%, you get  $172.7940, -27.5064, 49.2927$ , and if you desaturate by 10%, it is  $195.6480, -16.0955, 29.2497$ .

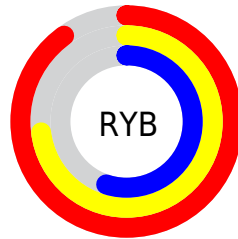
# Distribution



Red (90%)

Green (67%)

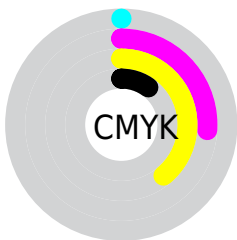
Blue (55%)



Red (90%)

Yellow (73%)

Blue (55%)

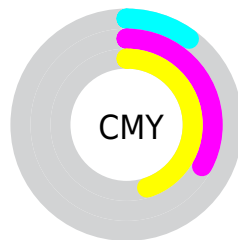


Cyan (0%)

Magenta (26%)

Yellow (39%)

Black (10%)



Cyan (10%)

Magenta (33%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 184.2210, -21.8010, 39.2712 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 184.2210, -21.8010, 39.2712 by changing the saturation by 10% instead.



184.2210,  
-21.8010, 39.2712

184.2210,  
-21.8010, 39.2712

255.0000, 0.0000,  
0.0000

156.7370,  
-21.0693, 37.9417

230.4360,  
-17.9629, 21.5426

130.9540,  
-20.1903, 35.9973

250.6510,  
-14.1249, 3.8141

105.1710,  
-19.3113, 34.0530

254.4300, -2.1840,  
0.4999

80.3880, -18.4323,  
32.1087

56.4200, -16.9691,  
29.4497

34.1100, -16.8162,  
27.0905

12.5470, -6.1857,

24.0763

■ 0.0000, 0.0000,  
0.0000

■ 184.2210,  
-21.8010, 39.2712

■ 184.2210,  
-21.8010, 39.2712

■ 172.7940,  
-27.5064, 49.2927

■ 195.6480,  
-16.0955, 29.2497

■ 161.3670,  
-33.2119, 59.3141

■ 207.0750,  
-10.3900, 19.2282

■ 149.3530,  
-38.6280, 69.8504

■ 219.0890, -4.9739,  
8.6919

■ 137.9260,  
-44.3335, 79.8719

■ 230.5160, 0.7316,  
-1.3295

■ 126.6130,  
-49.6022, 89.7934

■ 241.9430, 6.4371,  
-11.3510

■ 115.1860,  
-55.3077, 99.8149

■ 247.2260, 3.8326,  
-15.9842

■ 113.6700,  
-56.0393, 101.1444

# Harmonies

## Analogous

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



186.0120, -11.3449, 45.5935



184.2210, -21.8010, 39.2712



181.9710, -26.1147, 22.8274

# Triad

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



184.2210, -21.8010, 39.2712



171.5720, 2.1830, -46.9826



184.5690, 23.8765, -4.8840

# Complementary

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



184.2210, -21.8010, 39.2712



184.7790, 21.8010, -39.2712

# 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.



178.3480, 28.9154, -34.5082



184.2210, -21.8010, 39.2712



169.0830, 17.2141, -61.4628

# Square

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



184.2210, -21.8010, 39.2712



175.4150, -13.0226, -23.1660



171.3360, 26.9494, -57.2997



187.2150, 14.1910, 21.7364



# Rectangle

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



184.2210, -21.8010, 39.2712



180.1110, -25.1977, 8.6727



171.3360, 26.9494, -57.2997



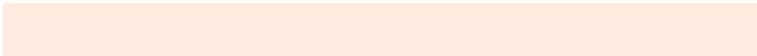
182.7850, 26.2350, -14.7204

# Sweetspot

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



184.2210, -21.8010, 39.2712



239.7260, -7.7529, 13.3953



173.3370, 12.6519, 48.8165



118.9040, -4.3897, 7.9772



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.



184.2210, -21.8010, 39.2712



194.9470, -29.5539, 52.6665



210.0490, -34.5342, 16.6200



108.9360, -2.9264, 5.3181



88.7410, -43.7493, 79.1571



25.2280, -12.4374, 22.6020

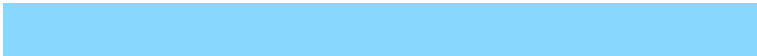


# Inverse Universe

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



184.7790, 21.8010, -39.2712



195.6400, 29.2645, -53.1813



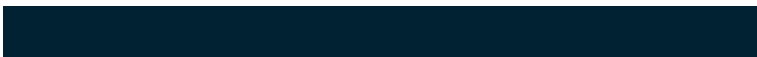
158.9510, 34.5342, -16.6200



109.0640, 2.9264, -5.3181



89.6720, 44.0387, -78.6423



25.7720, 12.4374, -22.6020



# Previews

## White Background



This preview shows how the YUV color 184.2210, -21.8010, 39.2712 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 184.2210, -21.8010, 39.2712 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

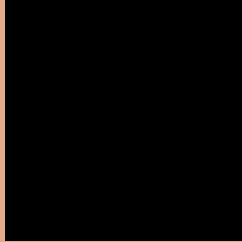
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 184.2210, -21.8010, 39.2712

## Background



This preview shows how black text looks on a background with the YUV color 184.2210, -21.8010, 39.2712.



This preview shows how white text looks on a background with the YUV color 184.2210, -21.8010, 39.2712.



# 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

184.2210, -21.8010, 39.2712

### Protanopia

182.3700, -17.9304, 11.0765

### Deuteranopia

183.7420, -22.0578, 28.2903



## Tritanopia

186.7000, -4.7821, 40.6051

# Trichromacy



**Original Color**

184.2210, -21.8010, 39.2712

**Protanomaly**

182.7950, -19.1259, 21.2278

**Deuteranomaly**

184.0630, -22.2161, 32.3937

**Tritanomaly**

186.0930, -10.8918, 40.2604

# Monochromacy



**Original Color**

184.2210, -21.8010, 39.2712

**Achromatopsia**

184.0000, 0.0000, 0.0000

**Achromatomaly**

184.0250, -7.9003, 14.0101

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 184.2210, -21.8010, 39.2712 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(229, 170, 140)` looks like.

```
.text, #text, p{  
    color:rgb(229, 170, 140)  
}
```

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(229, 170, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 170, 140) }
```

## Border

The CSS property to change the border of an element to YUV 184.2210, -21.8010, 39.2712 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(229, 170, 140) }
```



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

```
.border{ border-color:rgb(229, 170, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 170, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 170, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 170, 140);  
box-shadow:4px 4px 4px 4px rgb(229, 170,  
140) }
```

# Background

The CSS property to change the background color of an element to YUV 184.2210, -21.8010, 39.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 170, 140) }
```

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

```
.background{ background-color: rgb(229,  
170, 140) }
```

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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