

# Converting Colors

YUV(210.6720, -42.7293,  
31.8597)

Have a look what the booklet for  
YUV(210.6720, -42.7293, 31.8597)  
contains.

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# Color

**YUV(210.6720, -42.7293,  
31.8597)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7D17C
RGB	247, 209, 124
RGB Percent	97%, 82%, 49%
CMY	0.0314, 0.1804, 0.5137
CMYK	0.00, 0.15, 0.50, 0.03
HSL	41°, 88%, 73%
HSV	41°, 50%, 97%
XYZ	64.7963, 66.8303, 28.5532
YIQ	210.6720, 49.9330, -18.3790

# Conversions

## Conversions Part 2

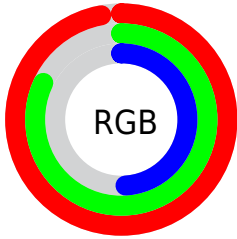
Format	Color
R <sub>Y</sub> B	179, 247, 124
Decimal	16241020
CIE Lab	85.42, 2.91, 46.84
CIE LCh	85, 46.934, 86.448
Yxy	66.8303, 0.4045, 0.4172
Android (android.graphics.Color)	4294431100 (0xFFFF7D17C)
YUV	210.6720, -42.7293, 31.8597
Hunter-Lab	81.7498, -1.5800, 36.5163

# Details

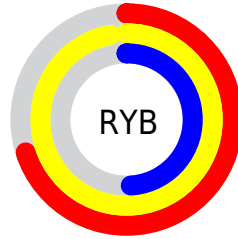
The YUV color  $210.6720, -42.7293, 31.8597$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $160.3280, 42.7293, -31.8597$ , and the grayscale version is  $211.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $246.2220, -33.6334, 7.6983$ , and  $155.5190, -40.6819, 28.4858$  is the 20% darker color. If you saturate the color by 10%, you get  $203.1260, -51.3341, 38.4775$ , and if you desaturate by 10%, it is  $218.2180, -34.1245, 25.2418$ .

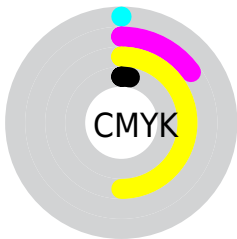
# Distribution



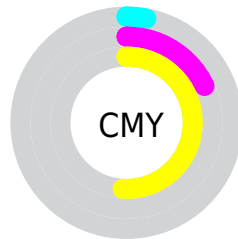
- Red (97%)
- Green (82%)
- Blue (49%)



- Red (70%)
- Yellow (97%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (50%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 210.6720, -42.7293, 31.8597 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 210.6720, -42.7293, 31.8597 by changing the saturation by 10% instead.



210.6720,  
-42.7293, 31.8597

210.6720,  
-42.7293, 31.8597

255.0000, 0.0000,  
0.0000

182.8890,  
-41.8503, 29.9153

246.2220,  
-33.6334, 7.6983

155.5190,  
-40.6819, 28.4858

249.4140,  
-21.4031, 4.8989

128.9210,  
-40.3871, 27.2563

252.7200, -8.7360,  
1.9996

102.9100,  
-40.3816, 25.5119

78.3550, -38.6290,  
23.3677

57.0800, -28.1404,  
19.2238

36.6800, -18.0832,

13.4356

■ 17.7640, -8.7577,  
8.9770

■ 0.0000, 0.0000,  
0.0000

■ 210.6720,  
-42.7293, 31.8597

■ 210.6720,  
-42.7293, 31.8597

■ 203.1260,  
-51.3341, 38.4775

■ 218.2180,  
-34.1245, 25.2418

■ 196.2810,  
-59.7915, 44.4806

■ 225.0630,  
-25.6671, 19.2387

■ 188.7350,  
-68.3964, 51.0984

■ 232.6090,  
-17.0622, 12.6209

■ 181.1890,  
-77.0012, 57.7162

■ 240.1550, -8.4574,  
6.0031

■ 174.3440,  
-85.4586, 63.7193

■ 247.1140, 0.4368,  
-0.1000

■ 174.2300,  
-85.8954, 63.8193

■ 252.6080, 1.1793,  
-4.9182

# Harmonies

## Analogous

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



205.6100, -31.8527, 43.3150



210.6720, -42.7293, 31.8597



206.3470, -36.6531, -3.8123

# Triad

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



210.6720, -42.7293, 31.8597



167.2600, 41.7768, -146.6870



215.6710, 19.3892, 34.4915

# Complementary

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



210.6720, -42.7293, 31.8597



160.3280, 42.7293, -31.8597

# 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.



211.9070, 21.2448, -0.7954



210.6720, -42.7293, 31.8597



176.6270, 38.6379, -119.8219

# Square

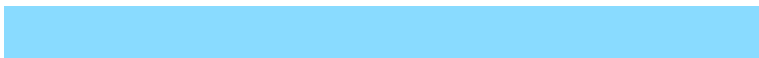
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210.6720, -42.7293, 31.8597



188.3170, 8.7177, -89.7320



198.5860, 27.8121, -54.0109



206.5120, 7.1426, 42.5240



# Rectangle

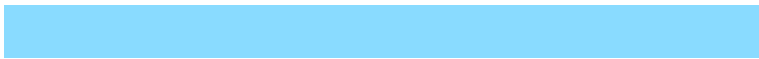
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



210.6720, -42.7293, 31.8597



201.8690, -25.0784, -29.7031



198.5860, 27.8121, -54.0109



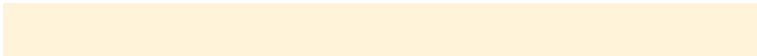
216.8120, 18.8267, 28.2289

# Sweetspot

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



210.6720, -42.7293, 31.8597



243.6240, -13.1256, 9.9768



165.2230, -1.0959, 71.7184



120.6820, -7.7312, 6.4179



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.



210.6720, -42.7293, 31.8597



209.9690, -53.2287, 39.4922



226.1010, -50.3358, -1.8426



118.8710, -4.3734, 2.7441



131.3370, -64.7491, 47.9395



41.7080, -20.5620, 15.1651



# Inverse Universe

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



160.3280, 42.7293, -31.8597



147.0310, 53.2287, -39.4922



144.8990, 50.3358, 1.8426



113.7160, 4.0840, -3.2589



55.2500, 64.4597, -48.4543



17.2920, 20.5620, -15.1651



# Previews

## White Background



This preview shows how the YUV color 210.6720, -42.7293, 31.8597 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 210.6720, -42.7293, 31.8597 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 210.6720, -42.7293, 31.8597

## Background



This preview shows how black text looks on a background with the YUV color 210.6720, -42.7293, 31.8597.



This preview shows how white text looks on a background with the YUV color 210.6720, -42.7293, 31.8597.



# 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

210.6720, -42.7293, 31.8597

### Protanopia

209.9480, -41.3864, 21.0936

### Deuteranopia

212.4260, -36.1990, 37.3374



## Tritanopia

217.4540, -1.7028, 32.9278

# Trichromacy



## Original Color

210.6720, -42.7293, 31.8597

## Protanomaly

210.1550, -41.9814, 25.2971

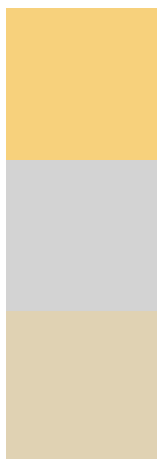
## Deuteranomaly

211.5460, -38.2302, 35.4782

## Tritanomaly

215.1430, -16.8325, 32.3236

# Monochromacy



## Original Color

210.6720, -42.7293, 31.8597

## Achromatopsia

211.0000, 0.0000, 0.0000

## Achromatomaly

210.6520, -15.6044, 11.7062

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 210.6720, -42.7293, 31.8597 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(247, 209, 124)` looks like.

```
.text, #text, p{  
    color:rgb(247, 209, 124)  
}
```

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(247, 209, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 209, 124) }
```

## Border

The CSS property to change the border of an element to YUV 210.6720, -42.7293, 31.8597 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(247, 209, 124) }
```



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

```
.border{ border-color:rgb(247, 209, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 209, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 209, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 209, 124);  
box-shadow:4px 4px 4px 4px rgb(247, 209,  
124) }
```

# Background

The CSS property to change the background color of an element to YUV 210.6720, -42.7293, 31.8597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 209, 124) }
```

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

```
.background{ background-color: rgb(247,  
209, 124) }
```

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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