

# Converting Colors

YUV(242.5440, -18.5092,  
10.0469)

Have a look what the booklet for  
YUV(242.5440, -18.5092, 10.0469)  
contains.

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# Color

**YUV(242.5440, -18.5092,  
10.0469)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEF4CD
RGB	254, 244, 205
RGB Percent	100%, 96%, 80%
CMY	0.0039, 0.0431, 0.1961
CMYK	0.00, 0.04, 0.19, 0.00
HSL	48°, 96%, 90%
HSV	48°, 19%, 100%
XYZ	84.2432, 90.1800, 70.7240
YIQ	242.5440, 18.4790, -10.0090

# Conversions

## Conversions Part 2

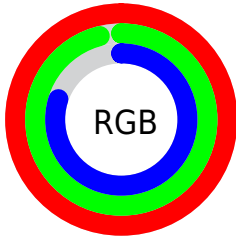
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	218, 254, 205
Decimal	16708813
CIE Lab	96.07, -2.78, 20.02
CIE LCh	96, 20.211, 97.900
Yxy	90.1800, 0.3436, 0.3679
Android (android.graphics.Color)	4294898893 (0xFFFEF4CD)
YUV	242.5440, -18.5092, 10.0469
Hunter-Lab	94.9631, -7.8355, 22.3178

# Details

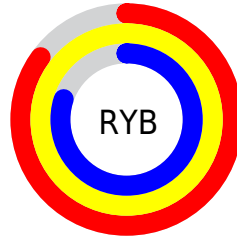
The YUV color  $242.5440, -18.5092, 10.0469$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $216.4560, 18.5092, -10.0469$ , and the grayscale version is  $243.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $186.4730, -17.4882, 9.2322$  is the 20% darker color. If you saturate the color by 10%, you get  $236.7590, -27.9822, 15.1204$ , and if you desaturate by 10%, it is  $248.3290, -9.0362, 4.9735$ .

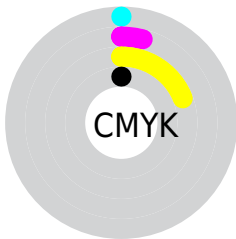
# Distribution



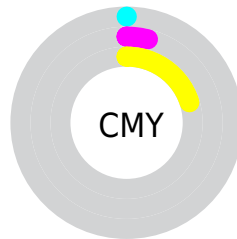
- Red (100%)
- Green (96%)
- Blue (80%)



- Red (85%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 242.5440, -18.5092, 10.0469 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 242.5440, -18.5092, 10.0469 by changing the saturation by 10% instead.



■ 242.5440,  
-18.5092, 10.0469

■ 242.5440,  
-18.5092, 10.0469

255.0000, 0.0000,  
0.0000

■ 214.2450,  
-18.3618, 9.4321

■ 186.4730,  
-17.4882, 9.2322

■ 159.2880,  
-16.9040, 8.5174

■ 133.4020,  
-16.4672, 8.4174

■ 107.6300,  
-15.5936, 8.2175

■ 83.4450, -15.0094,  
7.5027

■ 60.2600, -14.4252,

6.7880

■ 37.8470, -14.7146,  
6.2732

■ 18.3180, -9.0308,  
3.2291

■ 242.5440,  
-18.5092, 10.0469

■ 242.5440,  
-18.5092, 10.0469

■ 236.7590,  
-27.9822, 15.1204

■ 248.3290, -9.0362,  
4.9735

■ 230.8600,  
-37.8920, 20.2938

■ 254.1140, 0.4368,  
-0.1000

■ 224.4880,  
-47.0756, 25.8820

■ 254.7010, 0.1474,  
-0.6148

■ 218.5890,  
-56.9854, 31.0554

■ 212.8040,  
-66.4584, 36.1289

■ 207.0190,  
-75.9314, 41.2023

■ 201.1200,  
-85.8412, 46.3758

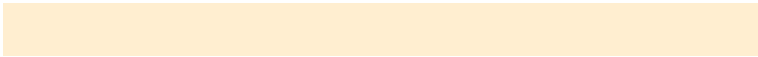
■ 195.3350,  
-95.3142, 51.4492

■ 194.5200,  
-95.8984, 52.1640

# Harmonies

## Analogous

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



239.6630, -15.6099, 13.4505



242.5440, -18.5092, 10.0469



240.2860, -13.9450, -7.2668

# Triad

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



242.5440, -18.5092, 10.0469



235.8750, 9.4286, -37.6014



241.4990, 6.6560, 11.8404

# Complementary

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



242.5440, -18.5092, 10.0469



216.4560, 18.5092, -10.0469

# 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.



244.1350, 5.3564, 8.6516



242.5440, -18.5092, 10.0469



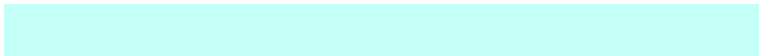
237.4140, 8.6699, -27.5501

# Square

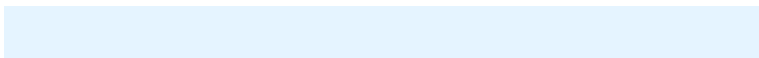
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.5440, -18.5092, 10.0469



236.5610, 5.6394, -35.5720



240.7690, 7.0159, -10.3214



238.5010, 0.2460, 14.4696

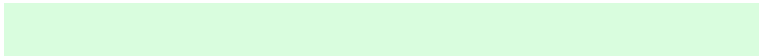


# Rectangle

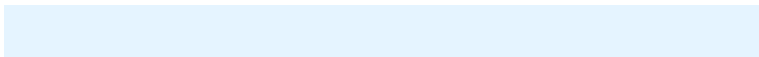
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.5440, -18.5092, 10.0469



238.7020, -8.2341, -19.0327



240.7690, 7.0159, -10.3214



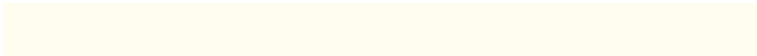
242.0860, 6.3666, 11.3256

# Sweetspot

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



242.5440, -18.5092, 10.0469



251.5290, -5.6838, 3.0441



220.9050, -2.4182, 29.0243



125.8000, -3.3524, 1.9294



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.



242.5440, -18.5092, 10.0469



241.2300, -22.2984, 12.0763



244.2280, -19.3394, -3.7080



124.7570, -4.8102, 2.8441



146.3330, -72.1422, 39.1730



49.0730, -24.1930, 13.0910



# Inverse Universe

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



216.4560, 18.5092, -10.0469



209.7700, 22.2984, -12.0763



214.7720, 19.3394, 3.7080



117.6560, 5.0996, -2.3293



44.6670, 72.1422, -39.1730



14.9270, 24.1930, -13.0910



# Previews

## White Background



This preview shows how the YUV color 242.5440, -18.5092, 10.0469 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

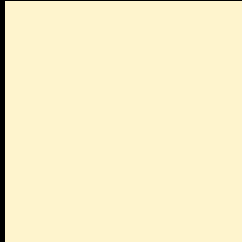
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 242.5440, -18.5092, 10.0469 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

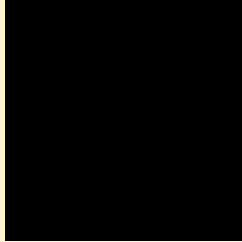
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 242.5440, -18.5092, 10.0469

## Background



This preview shows how black text looks on a background with the YUV color 242.5440, -18.5092, 10.0469.



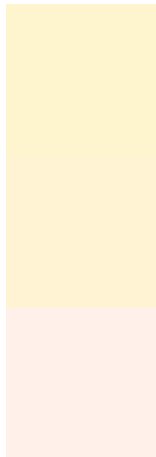
This preview shows how white text looks on a background with the YUV color 242.5440, -18.5092, 10.0469.



# 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

242.5440, -18.5092, 10.0469

### Protanopia

242.9400, -15.7464, 10.5766

### Deuteranopia

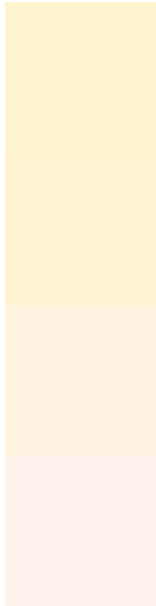
244.3880, -5.1213, 9.3067



## Tritanopia

245.2660, 3.3199, 8.5367

# Trichromacy



## Original Color

242.5440, -18.5092, 10.0469

## Protanomaly

242.7120, -16.6200, 10.7766

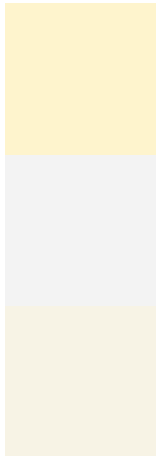
## Deuteranomaly

243.7210, -10.2155, 9.8917

## Tritanomaly

244.5020, -4.6845, 9.2067

# Monochromacy



## Original Color

242.5440, -18.5092, 10.0469

## Achromatopsia

243.0000, 0.0000, 0.0000

## Achromatomaly

242.6000, -6.7048, 3.8588

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 242.5440, -18.5092, 10.0469 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(254, 244, 205)` looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 205)  
}
```

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(254, 244, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 205) }
```

## Border

The CSS property to change the border of an element to YUV 242.5440, -18.5092, 10.0469 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(254, 244, 205) }
```



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

```
.border{ border-color:rgb(254, 244, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 244, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
205) }
```

# Background

The CSS property to change the background color of an element to YUV 242.5440, -18.5092, 10.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 205) }
```

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

```
.background{ background-color: rgb(254,  
244, 205) }
```

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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