

# Converting Colors

YUV(238.3460, -28.2716,  
14.6056)

Have a look what the booklet for  
YUV(238.3460, -28.2716, 14.6056)  
contains.

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# Color

**YUV(238.3460, -28.2716,  
14.6056)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF1B5
RGB	255, 241, 181
RGB Percent	100%, 95%, 71%
CMY	0.0000, 0.0549, 0.2902
CMYK	0.00, 0.05, 0.29, 0.00
HSL	49°, 100%, 85%
HSV	49°, 29%, 100%
XYZ	81.0358, 87.5068, 56.3355
YIQ	238.3460, 27.6040, -15.6920

# Conversions

## Conversions Part 2

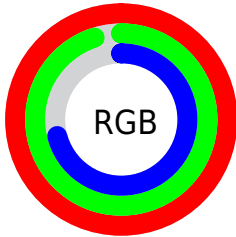
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 255, 181
Decimal	16773557
CIE <sub>Lab</sub>	94.95, -4.13, 30.74
CIE <sub>LCh</sub>	95, 31.014, 97.655
Yxy	87.5068, 0.3604, 0.3891
Android (android.graphics.Color)	4294963637 (0xFFFFF1B5)
YUV	238.3460, -28.2716, 14.6056
Hunter-Lab	93.5451, -9.0737, 29.7754

# Details

The YUV color  $238.3460, -28.2716, 14.6056$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $197.6540, 28.2716, -14.6056$ , and the grayscale version is  $239.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.9480, -7.8624, 1.7996$ , and  $182.0900, -26.6664, 13.0761$  is the 20% darker color. If you saturate the color by 10%, you get  $232.5610, -37.7446, 19.6790$ , and if you desaturate by 10%, it is  $244.2450, -18.3618, 9.4321$ .

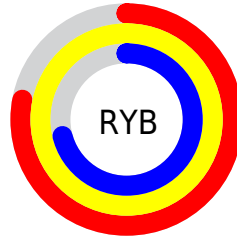
# Distribution



Red (100%)

Green (95%)

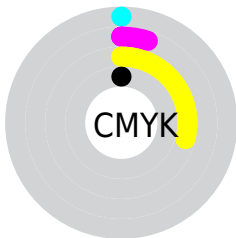
Blue (71%)



Red (78%)

Yellow (100%)

Blue (71%)

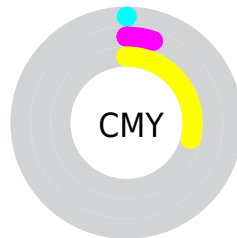


Cyan (0%)

Magenta (5%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 238.3460, -28.2716, 14.6056 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 238.3460, -28.2716, 14.6056 by changing the saturation by 10% instead.



■ 238.3460,  
-28.2716, 14.6056

■ 238.3460,  
-28.2716, 14.6056

255.0000, 0.0000,  
0.0000

■ 210.1610,  
-27.6874, 13.8908

■ 252.9480, -7.8624,  
1.7996

■ 182.0900,  
-26.6664, 13.0761

■ 155.2040,  
-26.2296, 12.9761

■ 129.1330,  
-25.2086, 12.1614

■ 103.6490,  
-24.4770, 10.8318

■ 79.4640, -23.8928,  
10.1171

■ 55.7520, -24.0347,

8.9875

■ 35.1630, -17.3354,  
6.8730

■ 15.3500, -7.5675,  
0.5701

■ 238.3460,  
-28.2716, 14.6056

■ 238.3460,  
-28.2716, 14.6056

■ 232.5610,  
-37.7446, 19.6790

■ 244.2450,  
-18.3618, 9.4321

■ 226.6620,  
-47.6544, 24.8524

■ 250.0300, -8.8888,  
4.3587

■ 221.4640,  
-57.4168, 29.4111

255.0000, 0.0000,  
0.0000

■ 215.5650,  
-67.3265, 34.5845

■ 209.7800,  
-76.7995, 39.6579

■ 203.8810,  
-86.7093, 44.8314

■ 198.0960,  
-96.1823, 49.9048

■ 197.7540,  
-97.4927, 50.2047

# Harmonies

## Analogous

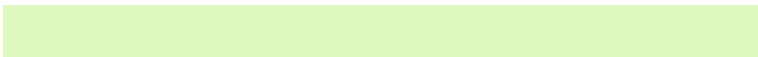
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.0460, -23.1937, 19.2537



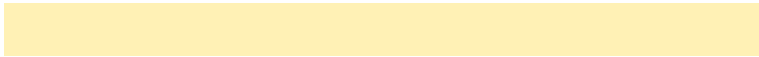
238.3460, -28.2716, 14.6056



235.0160, -21.2069, -11.4150

# Triad

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



238.3460, -28.2716, 14.6056



224.8010, 14.8881, -62.0925



235.6290, 9.5499, 16.9884

# Complementary

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



238.3460, -28.2716, 14.6056



197.6540, 28.2716, -14.6056

# 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.



240.3250, 7.2348, 12.8700



238.3460, -28.2716, 14.6056



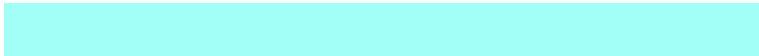
228.4440, 13.0921, -45.9934

# Square

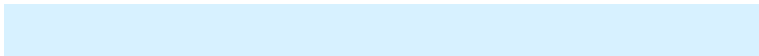
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.3460, -28.2716, 14.6056



225.9820, 10.3619, -56.9892



234.8220, 9.9478, -17.3839

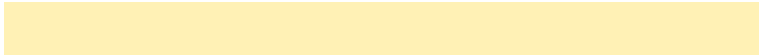


231.4740, 1.2453, 20.6323

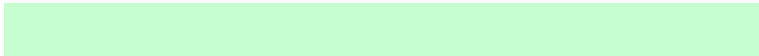


# Rectangle

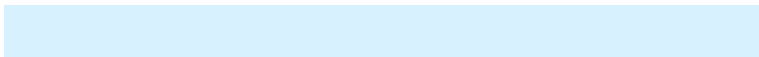
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.3460, -28.2716, 14.6056



232.3110, -11.9853, -29.2137



234.8220, 9.9478, -17.3839



236.8030, 8.9711, 15.9588

# Sweetspot

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



238.3460, -28.2716, 14.6056



250.0300, -8.8888, 4.3587



204.8360, -4.3561, 43.9938



124.5290, -5.6838, 3.0441



0.0000, 0.0000, 0.0000

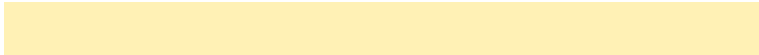


128.0000, 0.0000, 0.0000

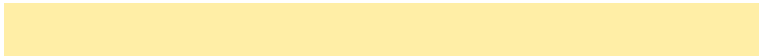


# Same Dimension

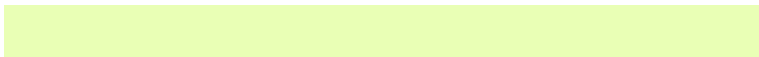
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.3460, -28.2716, 14.6056



234.8750, -33.9554, 17.6496



239.9860, -29.0801, -6.1267



124.7570, -4.8102, 2.8441



148.0940, -73.0103, 37.6286



49.6600, -24.4824, 12.5762



# Inverse Universe

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



197.6540, 28.2716, -14.6056



186.1250, 33.9554, -17.6496



196.0140, 29.0801, 6.1267



117.6560, 5.0996, -2.3293



42.9060, 73.0103, -37.6286



14.3400, 24.4824, -12.5762



# Previews

## White Background



This preview shows how the YUV color 238.3460, -28.2716, 14.6056 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

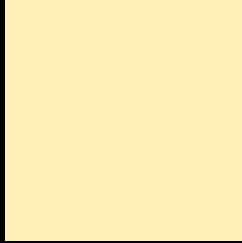
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 238.3460, -28.2716, 14.6056 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

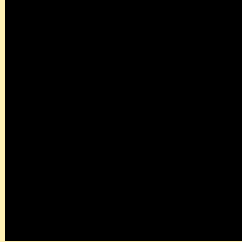
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 238.3460, -28.2716, 14.6056

## Background



This preview shows how black text looks on a background with the YUV color 238.3460, -28.2716, 14.6056.



This preview shows how white text looks on a background with the YUV color 238.3460, -28.2716, 14.6056.



# 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

238.3460, -28.2716, 14.6056

### Protanopia

238.8990, -23.6142, 14.1206

### Deuteranopia

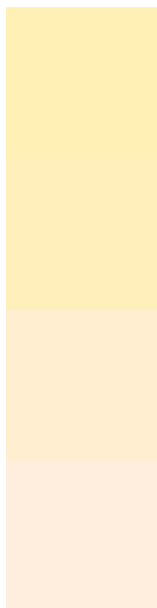
240.9000, -8.3317, 12.3657



## Tritanopia

242.2340, 1.8566, 11.1958

# Trichromacy



## Original Color

238.3460, -28.2716, 14.6056

## Protanomaly

238.4430, -25.3614, 14.5205

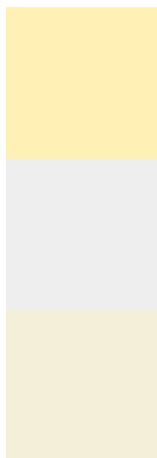
## Deuteranomaly

239.6630, -15.6099, 13.4505

## Tritanomaly

240.6720, -9.2053, 12.5657

# Monochromacy



## Original Color

238.3460, -28.2716, 14.6056

## Achromatopsia

238.0000, 0.0000, 0.0000

## Achromatomaly

237.9870, -10.3466, 5.2734

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 238.3460, -28.2716, 14.6056 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(255, 241, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 181)  
}
```

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(255, 241, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 181) }
```

## Border

The CSS property to change the border of an element to YUV 238.3460, -28.2716, 14.6056 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(255, 241, 181) }
```



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

```
.border{ border-color:rgb(255, 241, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 241, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 241, 181); box-shadow:4px 4px 4px 4px rgb(255, 241, 181) }
```

# Background

The CSS property to change the background color of an element to YUV 238.3460, -28.2716, 14.6056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 181) }
```

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

```
.background{ background-color: rgb(255,  
241, 181) }
```

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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