

# Converting Colors

YUV(225.4640, -3.6798,  
13.6251)

Have a look what the booklet for  
YUV(225.4640, -3.6798, 13.6251)  
contains.

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# Color

**YUV(225.4640, -3.6798,  
13.6251)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F1DBDA
RGB	241, 219, 218
RGB Percent	95%, 86%, 85%
CMY	0.0549, 0.1412, 0.1451
CMYK	0.00, 0.09, 0.10, 0.05
HSL	3°, 45%, 90%
HSV	3°, 10%, 95%
XYZ	74.2620, 74.4258, 76.7812
YIQ	225.4640, 13.4330, 4.3530

# Conversions

## Conversions Part 2

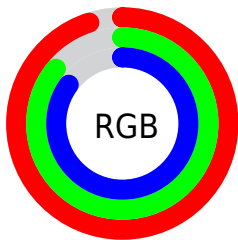
Format	Color
R <sub>Y</sub> B	241, 219, 218
Decimal	15850458
CIE Lab	89.12, 7.40, 3.23
CIE LCh	89, 8.074, 23.582
Yxy	74.4258, 0.3294, 0.3301
Android (android.graphics.Color)	4294040538 (0xFFF1DBDA)
YUV	225.4640, -3.6798, 13.6251
Hunter-Lab	86.2704, 2.6807, 7.6207

# Details

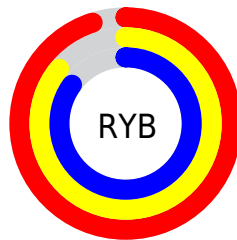
The YUV color  $225.4640, -3.6798, 13.6251$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $233.5360, 3.6798, -13.6251$ , and the grayscale version is  $225.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $170.1650, -3.5323, 13.0103$  is the 20% darker color. If you saturate the color by 10%, you get  $209.2270, -7.5069, 27.8649$ , and if you desaturate by 10%, it is  $241.7010, 0.1474, -0.6148$ .

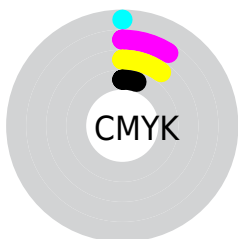
# Distribution



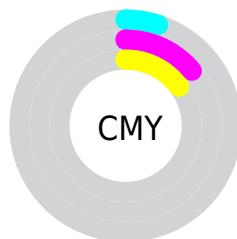
- Red (95%)
- Green (86%)
- Blue (85%)



- Red (95%)
- Yellow (86%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 225.4640, -3.6798, 13.6251 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 225.4640, -3.6798, 13.6251 by changing the saturation by 10% instead.



225.4640, -3.6798,  
13.6251

225.4640, -3.6798,  
13.6251

255.0000, 0.0000,  
0.0000

197.4640, -3.6798,  
13.6251

170.1650, -3.5323,  
13.0103

143.8660, -3.3849,  
12.3955

117.9800, -2.9481,  
12.2955

93.2680, -3.0901,  
11.1660

69.9690, -2.9427,  
10.5512

47.0830, -2.5059,

10.4512

■ 26.4850, -2.2111,  
9.2217

■ 2.6910, -1.3267,  
5.5330

■ 225.4640, -3.6798,  
13.6251

■ 225.4640, -3.6798,  
13.6251

■ 209.2270, -7.5069,  
27.8649

■ 241.7010, 0.1474,  
-0.6148

■ 192.9900,  
-11.3341, 42.1048

■ 250.8140, 2.0637,  
-8.6069

■ 176.7530,  
-15.1612, 56.3446

■ 160.5160,  
-18.9884, 70.5845

■ 144.2790,  
-22.8155, 84.8243

■ 127.9280,  
-27.0795, 99.1641

■ 111.6910,  
-30.9067, 113.4040

■ 95.4540, -34.7338,  
127.6438

■ 79.2170, -38.5610,  
141.8837

# Harmonies

## Analogous

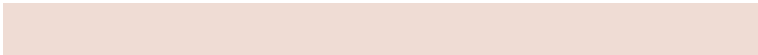
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.7780, 0.1094, 11.5957



225.4640, -3.6798, 13.6251



224.7690, -6.2951, 12.4806

# Triad

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



225.4640, -3.6798, 13.6251



222.0440, -3.4727, -6.1776



223.3070, 7.7366, -8.1622

# Complementary

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



225.4640, -3.6798, 13.6251



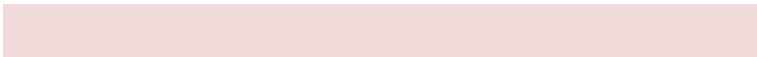
233.5360, 3.6798, -13.6251

# 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.



222.0460, 6.8793, -13.1953



225.4640, -3.6798, 13.6251



221.3360, 0.3274, -11.6957

# Square

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



225.4640, -3.6798, 13.6251



222.9910, -6.4046, 0.8849



221.3510, 4.2640, -14.3398



224.4220, 6.6940, -0.3701



# Rectangle

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



225.4640, -3.6798, 13.6251



224.4050, -7.5947, 9.2918



221.3510, 4.2640, -14.3398



223.1820, 7.3053, -9.8066

# Sweetspot

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



225.4640, -3.6798, 13.6251



249.9790, -1.4686, 4.4034



227.3850, 6.2192, 11.9404



124.3810, -1.1738, 3.1739



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

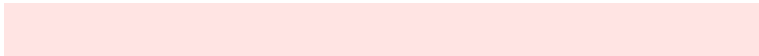


# Same Dimension

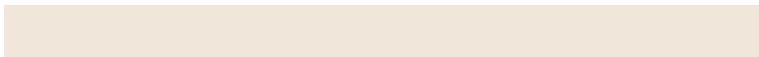
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.4640, -3.6798, 13.6251



235.9590, -4.4168, 16.6990



231.9210, -6.8631, 7.9623



111.5880, -1.7689, 7.3773



59.7120, -29.4380, 109.0006



17.9180, -8.8336, 33.3979

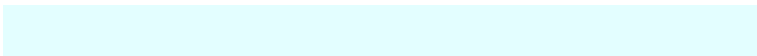


# Inverse Universe

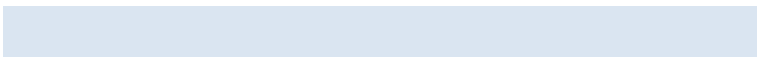
The Inverse Universe completely reimagines the original color for something new.



233.5360, 3.6798, -13.6251



246.0410, 4.4168, -16.6990



227.0790, 6.8631, -7.9623



115.8250, 2.0583, -6.8625



124.2880, 29.4380, -109.0006

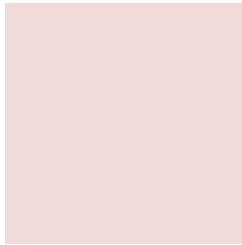


38.0820, 8.8336, -33.3979



# Previews

## White Background



This preview shows how the YUV color 225.4640, -3.6798, 13.6251 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

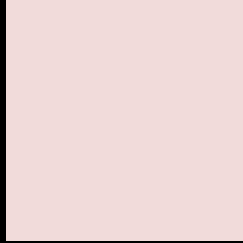
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 225.4640, -3.6798, 13.6251 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

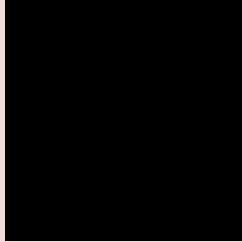
Any Text WCAG AA ✓ Pass

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 225.4640, -3.6798, 13.6251 Background



This preview shows how black text looks on a background with the YUV color 225.4640, -3.6798, 13.6251.



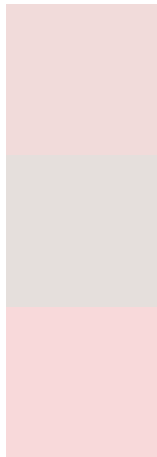
This preview shows how white text looks on a background with the YUV color 225.4640, -3.6798,



# 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

225.4640, -3.6798, 13.6251

### Protanopia

224.4520, -2.1948, 3.9886

### Deuteranopia

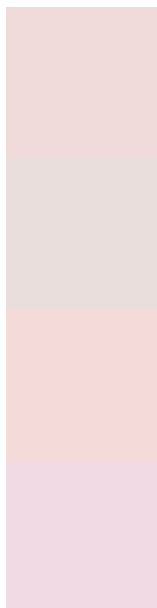
226.3830, -4.1328, 18.9581



## Tritanopia

226.7120, 3.5930, 14.2846

# Trichromacy



## Original Color

225.4640, -3.6798, 13.6251

## Protanomaly

224.9470, -2.9319, 7.0625

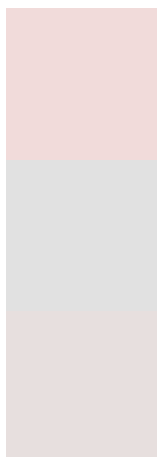
## Deuteranomaly

226.0730, -3.9800, 16.5990

## Tritanomaly

226.3160, 0.8302, 13.7549

# Monochromacy



## Original Color

225.4640, -3.6798, 13.6251

## Achromatopsia

225.0000, 0.0000, 0.0000

## Achromatomaly

225.2780, -1.6161, 5.0182

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 225.4640, -3.6798, 13.6251 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(241, 219, 218)` looks like.

```
.text, #text, p{  
    color:rgb(241, 219, 218)  
}
```

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(241, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 219, 218) }
```

## Border

The CSS property to change the border of an element to YUV 225.4640, -3.6798, 13.6251 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(241, 219, 218) }
```



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

```
.border{ border-color:rgb(241, 219, 218) }
```

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

Here you see how a box with a 4 pixel rgb(241, 219, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 219, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 219, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 219,  
218) }
```

# Background

The CSS property to change the background color of an element to YUV 225.4640, -3.6798, 13.6251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 219, 218) }
```

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

```
.background{ background-color: rgb(241,  
219, 218) }
```

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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