

# Converting Colors

YUV(231.6010, -8.1843,  
11.7509)

Have a look what the booklet for  
YUV(231.6010, -8.1843, 11.7509)  
contains.

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# Color

**YUV(231.6010, -8.1843,  
11.7509)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5E4D7
RGB	245, 228, 215
RGB Percent	96%, 89%, 84%
CMY	0.0392, 0.1059, 0.1569
CMYK	0.00, 0.07, 0.12, 0.04
HSL	26°, 60%, 90%
HSV	26°, 12%, 96%
XYZ	77.6653, 79.8056, 75.6006
YIQ	231.6010, 14.3050, -0.4390

# Conversions

## Conversions Part 2

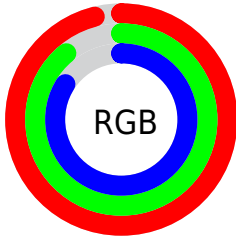
Format	Color
RYP	245, 238, 215
Decimal	16114903
CIELab	91.60, 3.67, 8.41
CIElCh	92, 9.177, 66.460
Yxy	79.8056, 0.3332, 0.3424
Android (android.graphics.Color)	4294304983 (0xFFFF5E4D7)
YUV	231.6010, -8.1843, 11.7509
Hunter-Lab	89.3340, -1.1498, 12.3585

# Details

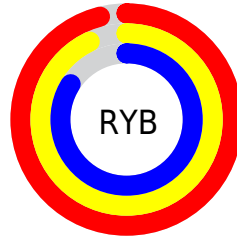
The YUV color  $231.6010, -8.1843, 11.7509$  is a light color, and the websafe version is hex FFFFFF. A complement of this color would be  $228.3990, 8.1843, -11.7509$ , and the grayscale version is  $232.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $176.3020, -8.0369, 11.1361$  is the 20% darker color. If you saturate the color by 10%, you get  $220.6470, -14.6160, 21.3576$ , and if you desaturate by 10%, it is  $242.6690, -1.3158, 2.0443$ .

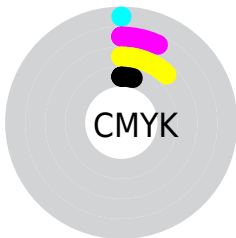
# Distribution



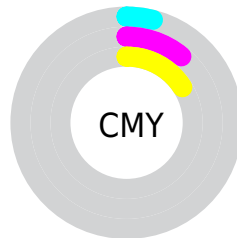
- Red (96%)
- Green (89%)
- Blue (84%)



- Red (96%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 231.6010, -8.1843, 11.7509 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 231.6010, -8.1843, 11.7509 by changing the saturation by 10% instead.



■ 231.6010, -8.1843,  
11.7509

■ 231.6010, -8.1843,  
11.7509

255.0000, 0.0000,  
0.0000

■ 203.3020, -8.0369,  
11.1361

■ 176.3020, -8.0369,  
11.1361

■ 149.1170, -7.4527,  
10.4214

■ 123.2310, -7.0159,  
10.3214

■ 98.9320, -6.8685,  
9.7066

■ 74.6330, -6.7211,  
9.0919

■ 52.4480, -6.1369,

8.3771

■ 30.8500, -5.8420,  
7.1476

■ 6.8440, -3.3741,  
8.9068

■ 231.6010, -8.1843,  
11.7509

■ 231.6010, -8.1843,  
11.7509

■ 220.6470,  
-14.6160, 21.3576

■ 242.6690, -1.3158,  
2.0443

■ 209.5790,  
-21.4844, 31.0642

■ 252.0100, 1.4741,  
-6.1478

■ 198.6250,  
-27.9161, 40.6709

■ 187.5570,  
-34.7846, 50.3775

■ 177.1900,  
-41.5057, 59.4694

■ 166.1220,  
-48.3741, 69.1760

■ 155.1680,  
-54.8058, 78.7827

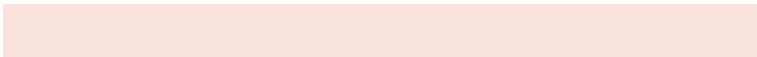
■ 144.1000,  
-61.6743, 88.4893

■ 135.4770,  
-66.7902, 96.0517

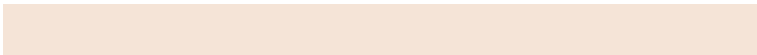
# Harmonies

## Analogous

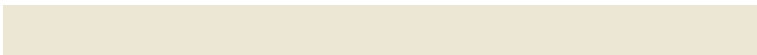
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.6060, -5.7218, 15.2545



231.6010, -8.1843, 11.7509



230.4430, -8.5994, 4.8735

# Triad

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



231.6010, -8.1843, 11.7509



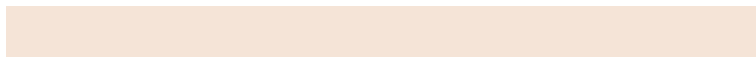
228.1830, 2.3748, -15.0695



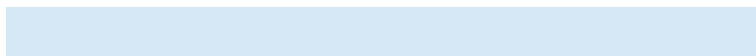
232.0310, 6.3937, 2.6038

# Complementary

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



231.6010, -8.1843, 11.7509



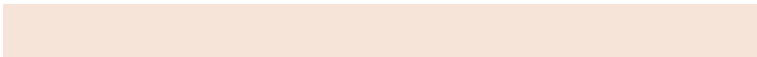
228.3990, 8.1843, -11.7509

# Split Complementary

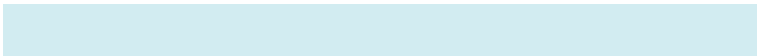
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.8450, 8.4574, -6.0031



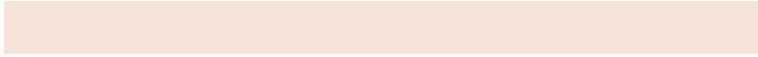
231.6010, -8.1843, 11.7509



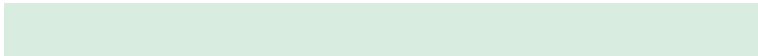
228.7960, 6.0166, -16.4841

# Square

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



231.6010, -8.1843, 11.7509



228.9510, -2.4408, -10.4810



229.8010, 8.4791, -12.9805



232.7500, 2.5882, 9.8663



# Rectangle

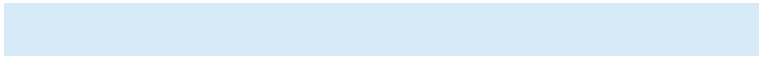
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.6010, -8.1843, 11.7509



230.0510, -7.4201, -0.0447



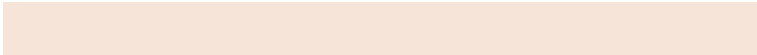
229.8010, 8.4791, -12.9805



231.9490, 7.4201, 0.0447

# Sweetspot

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



231.6010, -8.1843, 11.7509



250.3380, -2.6316, 4.0886



225.9080, 3.0034, 16.7437



124.8540, -1.9000, 2.7590



0.0000, 0.0000, 0.0000

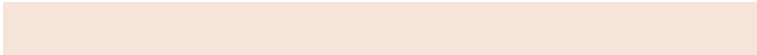


128.0000, 0.0000, 0.0000

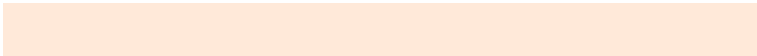


# Same Dimension

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



231.6010, -8.1843, 11.7509



237.7540, -10.2317, 15.1247



240.4060, -12.5252, 4.0289



116.5230, -3.2158, 4.8033



103.1610, -50.8584, 72.6498



32.3160, -15.9318, 23.4019

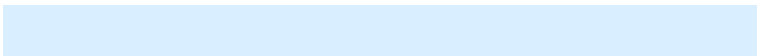


# Inverse Universe

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



228.3990, 8.1843, -11.7509



233.6590, 10.5211, -14.6099



219.5940, 12.5252, -4.0289



115.4770, 3.2158, -4.8033



82.8390, 50.8584, -72.6498

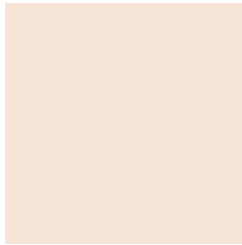


26.0970, 16.2212, -22.8871



# Previews

## White Background



This preview shows how the YUV color 231.6010, -8.1843, 11.7509 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 231.6010, -8.1843, 11.7509 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

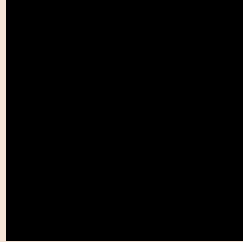
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 231.6010, -8.1843, 11.7509

## Background



This preview shows how black text looks on a background with the YUV color 231.6010, -8.1843, 11.7509.



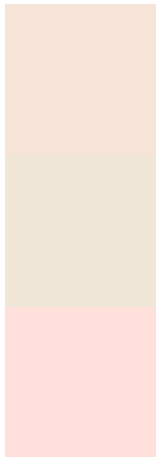
This preview shows how white text looks on a background with the YUV color 231.6010, -8.1843,

11.7509.

# 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

231.6010, -8.1843, 11.7509

### Protanopia

231.0950, -7.4418, 6.9327

### Deuteranopia

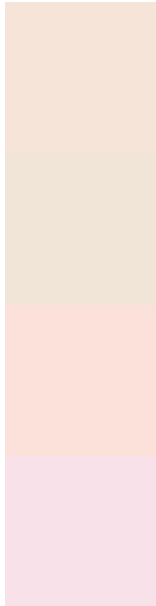
232.5850, -7.1904, 19.6580



## Tritanopia

233.5270, 4.1772, 13.5698

# Trichromacy



## Original Color

231.6010, -8.1843, 11.7509

## Protanomaly

231.1060, -7.4473, 8.6770

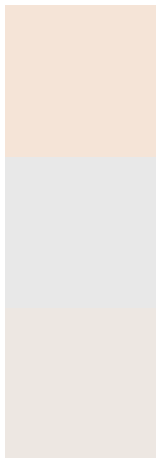
## Deuteranomaly

231.8620, -7.3270, 16.7840

## Tritanomaly

232.6750, -0.3328, 13.4400

# Monochromacy



## Original Color

231.6010, -8.1843, 11.7509

## Achromatopsia

232.0000, 0.0000, 0.0000

## Achromatomaly

232.2240, -3.0684, 4.1886

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 231.6010, -8.1843, 11.7509 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(245, 228, 215)` looks like.

```
.text, #text, p{  
    color:rgb(245, 228, 215)  
}
```

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(245, 228, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 228, 215) }
```

## Border

The CSS property to change the border of an element to YUV 231.6010, -8.1843, 11.7509 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(245, 228, 215) }
```



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

```
.border{ border-color:rgb(245, 228, 215) }
```

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

Here you see how a box with a 4 pixel rgb(245, 228, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 228, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 228, 215);  
box-shadow:4px 4px 4px 4px rgb(245, 228,  
215) }
```

# Background

The CSS property to change the background color of an element to YUV 231.6010, -8.1843, 11.7509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 228, 215) }
```

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

```
.background{ background-color: rgb(245,  
228, 215) }
```

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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