

# Converting Colors

YUV(229.6050, -4.2423, 7.3624)

Have a look what the booklet for  
YUV(229.6050, -4.2423, 7.3624)  
contains.

<b>YUV(229.6050, -4.2423, 7.3624)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(229.6050, -4.2423,  
7.3624)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEE3DD
RGB	238, 227, 221
RGB Percent	93%, 89%, 87%
CMY	0.0667, 0.1098, 0.1333
CMYK	0.00, 0.05, 0.07, 0.07
HSL	21°, 33%, 90%
HSV	21°, 7%, 93%
XYZ	75.7801, 78.3358, 79.5329
YIQ	229.6050, 8.4820, 0.4660

# Conversions

## Conversions Part 2

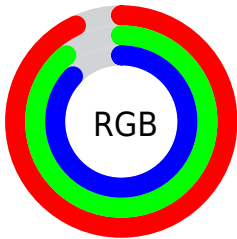
Format	Color
R <sub>Y</sub> B	238, 230, 221
Decimal	15655901
CIE Lab	90.93, 2.72, 4.25
CIE LCh	91, 5.043, 57.402
Yxy	78.3358, 0.3243, 0.3353
Android (android.graphics.Color)	4293845981 (0xFFEEE3DD)
YUV	229.6050, -4.2423, 7.3624
Hunter-Lab	88.5075, -2.0564, 8.6772

# Details

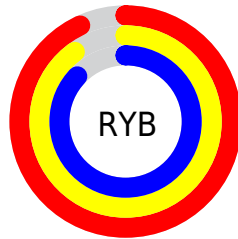
The YUV color  $229.6050, -4.2423, 7.3624$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $229.3950, 4.2423, -7.3624$ , and the grayscale version is  $230.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $174.3060, -4.0949, 6.7476$  is the 20% darker color. If you saturate the color by 10%, you get  $218.0640, -10.3846, 17.4839$ , and if you desaturate by 10%, it is  $241.1460, 1.9000, -2.7590$ .

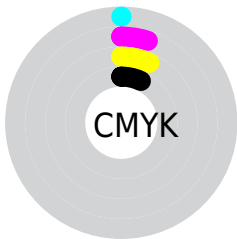
# Distribution



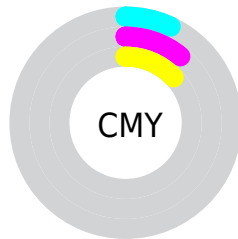
- Red (93%)
- Green (89%)
- Blue (87%)



- Red (93%)
- Yellow (90%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.6050, -4.2423, 7.3624 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 229.6050, -4.2423, 7.3624 by changing the saturation by 10% instead.



■ 229.6050, -4.2423,  
7.3624

■ 229.6050, -4.2423,  
7.3624

255.0000, 0.0000,  
0.0000

■ 201.6050, -4.2423,  
7.3624

■ 174.3060, -4.0949,  
6.7476

■ 147.4200, -3.6581,  
6.6477

■ 122.0070, -3.9475,  
6.1329

■ 97.1210, -3.5107,  
6.0329

■ 73.1210, -3.5107,  
6.0329

■ 50.8220, -3.3632,

5.4181

■ 29.6370, -2.7790,  
4.7034

■ 4.1750, -2.0583,  
6.8625

■ 229.6050, -4.2423,  
7.3624

■ 229.6050, -4.2423,  
7.3624

■ 218.0640,  
-10.3846, 17.4839

■ 241.1460, 1.9000,  
-2.7590

■ 205.9360,  
-16.2374, 28.1201

■ 249.9170, 2.5059,  
-10.4512

■ 194.5090,  
-21.9429, 38.1416

■ 182.3810,  
-27.7958, 48.7779

■ 170.8400,  
-33.9381, 58.8993

■ 159.2990,  
-40.0804, 69.0208

■ 147.1710,  
-45.9333, 79.6570

■ 135.7440,  
-51.6388, 89.6785

■ 123.6160,  
-57.4917, 100.3148

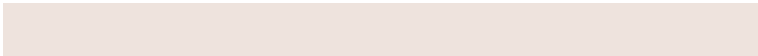
# Harmonies

## Analogous

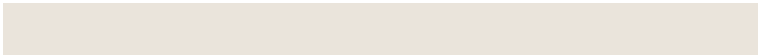
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.0720, -2.5005, 8.7069



229.6050, -4.2423, 7.3624



228.7680, -4.8156, 4.5885

# Triad

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



229.6050, -4.2423, 7.3624



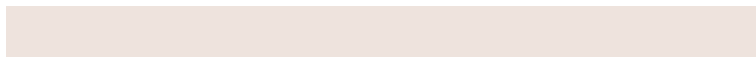
227.6570, 0.1691, -7.5922



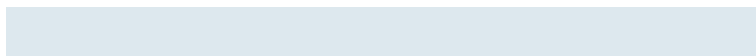
229.7380, 4.0732, 0.2298

# Complementary

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



229.6050, -4.2423, 7.3624



229.3950, 4.2423, -7.3624

# 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.



229.2320, 4.8156, -4.5885



229.6050, -4.2423, 7.3624



227.6290, 2.6479, -9.3216

# Square

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



229.6050, -4.2423, 7.3624



227.8100, -1.8783, -4.2184



228.0960, 4.3897, -7.9772

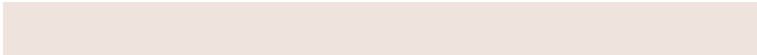


230.1900, 1.8783, 4.2184



# Rectangle

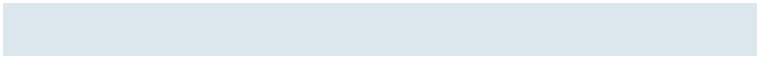
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229.6050, -4.2423, 7.3624



228.8600, -4.3680, 0.9998



228.0960, 4.3897, -7.9772



229.1400, 4.3680, -0.9998

# Sweetspot

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



229.6050, -4.2423, 7.3624



252.6690, -1.3158, 2.0443



227.3370, 2.2989, 9.3515



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

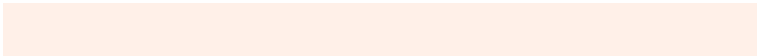


# Same Dimension

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



229.6050, -4.2423, 7.3624



243.5730, -5.7055, 10.0215



234.3010, -6.5574, 3.2440



113.9360, -2.9264, 5.3181



93.1710, -45.9333, 79.6570

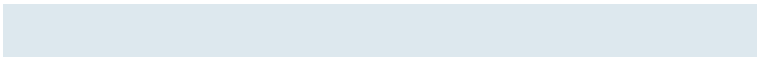


28.4840, -14.0426, 24.1315

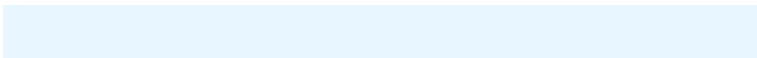


# Inverse Universe

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



229.3950, 4.2423, -7.3624



243.4270, 5.7055, -10.0215



224.6990, 6.5574, -3.2440



114.0640, 2.9264, -5.3181



90.8290, 45.9333, -79.6570

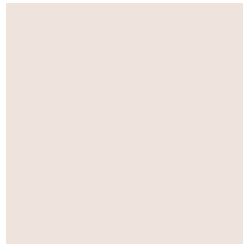


27.5160, 14.0426, -24.1315



# Previews

## White Background



This preview shows how the YUV color 229.6050, -4.2423, 7.3624 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

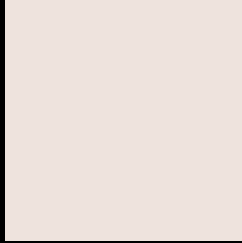
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.6050, -4.2423, 7.3624 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

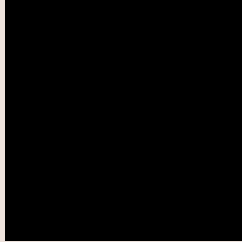
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

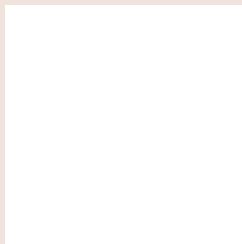
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 229.6050, -4.2423, 7.3624

## Background



This preview shows how black text looks on a background with the YUV color 229.6050, -4.2423, 7.3624.



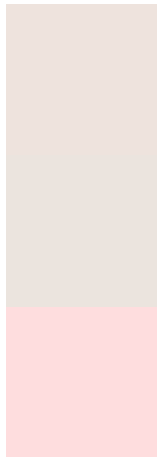
This preview shows how white text looks on a background with the YUV color 229.6050, -4.2423,

7.3624.

# 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

229.6050, -4.2423, 7.3624

### Protanopia

229.4090, -3.6526, 4.9033

### Deuteranopia

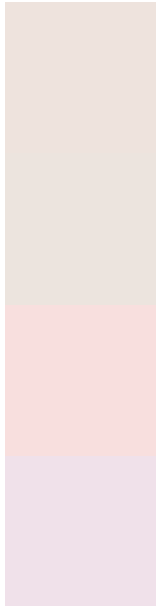
230.9810, -4.4276, 20.1877



## Tritanopia

231.0210, 4.9196, 8.7516

# Trichromacy



## Original Color

229.6050, -4.2423, 7.3624

## Protanomaly

229.7080, -3.8000, 5.5181

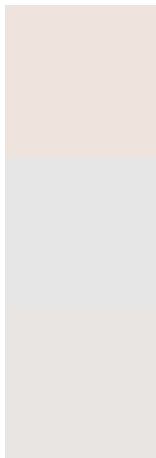
## Deuteranomaly

230.3610, -4.1220, 15.4694

## Tritanomaly

230.5110, 1.7201, 8.3219

# Monochromacy



## Original Color

229.6050, -4.2423, 7.3624

## Achromatopsia

230.0000, 0.0000, 0.0000

## Achromatomaly

229.9680, -1.4632, 2.6591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.6050, -4.2423, 7.3624 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(238, 227, 221)` looks like.

```
.text, #text, p{  
    color:rgb(238, 227, 221)  
}
```

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(238, 227, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 227, 221) }
```

## Border

The CSS property to change the border of an element to YUV 229.6050, -4.2423, 7.3624 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(238, 227, 221) }
```



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

```
.border{ border-color:rgb(238, 227, 221) }
```

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

Here you see how a box with a 4 pixel rgb(238, 227, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 227, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 227, 221);  
box-shadow:4px 4px 4px 4px rgb(238, 227,  
221) }
```

# Background

The CSS property to change the background color of an element to YUV 229.6050, -4.2423, 7.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 227, 221) }
```

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

```
.background{ background-color: rgb(238,  
227, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor