

# Converting Colors

YUV(232.2160, 5.8095, 3.3186)

Have a look what the booklet for  
YUV(232.2160, 5.8095, 3.3186)  
contains.

<b>YUV(232.2160, 5.8095, 3.3186)</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(232.2160, 5.8095,  
3.3186)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECE4F4
RGB	236, 228, 244
RGB Percent	93%, 89%, 96%
CMY	0.0745, 0.1059, 0.0431
CMYK	0.03, 0.07, 0.00, 0.04
HSL	270°, 42%, 93%
HSV	270°, 7%, 96%
XYZ	78.6646, 79.8513, 96.8547
YIQ	232.2160, -0.3680, 6.6720

# Conversions

## Conversions Part 2

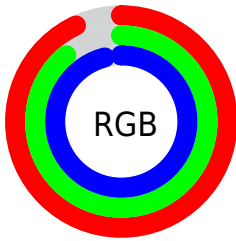
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 228, 244
Decimal	15525108
CIE Lab	91.62, 5.57, -6.80
CIE LCh	92, 8.790, 309.344
Yxy	79.8513, 0.3080, 0.3127
Android (android.graphics.Color)	4293715188 (0xFFECE4F4)
YUV	232.2160, 5.8095, 3.3186
Hunter-Lab	89.3596, 0.7571, -1.7113

# Details

The YUV color  $232.2160, 5.8095, 3.3186$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $239.7840, -5.8095, -3.3186$ , 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  $176.8030, 5.5201, 2.8038$  is the 20% darker color. If you saturate the color by 10%, you get  $214.5400, 14.5238, 8.2964$ , and if you desaturate by 10%, it is  $249.8920, -2.9048, -1.6593$ .

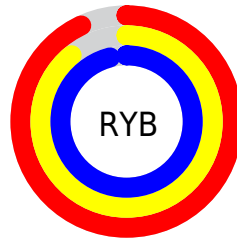
# Distribution



Red (93%)

Green (89%)

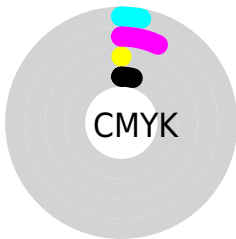
Blue (96%)



Red (93%)

Yellow (89%)

Blue (96%)

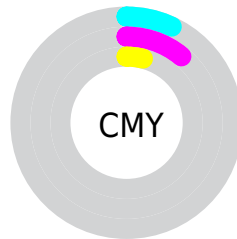


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (7%)

Magenta (11%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 232.2160, 5.8095, 3.3186 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 232.2160, 5.8095, 3.3186 by changing the saturation by 10% instead.



232.2160, 5.8095,  
3.3186

232.2160, 5.8095,  
3.3186

255.0000, 0.0000,  
0.0000

204.2160, 5.8095,  
3.3186

176.8030, 5.5201,  
2.8038

149.8030, 5.5201,  
2.8038

123.8030, 5.5201,  
2.8038

99.2760, 4.7939,  
2.3889

75.2760, 4.7939,  
2.3889

52.2760, 4.7939,

2.3889

■ 31.7490, 4.0677,  
1.9741

■ 7.0420, 6.3883,  
4.3482

■ 232.2160, 5.8095,  
3.3186

■ 232.2160, 5.8095,  
3.3186

■ 214.5400, 14.5238,  
8.2964

■ 249.8920, -2.9048,  
-1.6593

■ 196.2770, 23.5274,  
13.7891

■ 253.7460, -4.8048,  
1.0998

■ 178.3020, 32.3891,  
18.1521

■ 160.0390, 41.3928,  
23.6448

■ 142.3630, 50.1070,  
28.6226

■ 124.6870, 58.8213,  
33.6005

■ 106.4240, 67.8250,  
39.0932

■ 88.4490, 76.6866,  
43.4562

■ 70.1860, 85.6903,  
48.9489

# Harmonies

## Analogous

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



231.3290, 7.7258, -4.6735



232.2160, 5.8095, 3.3186



232.9350, 2.0040, 10.5810

# Triad

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



232.2160, 5.8095, 3.3186



231.3020, -8.0369, 11.1361



228.1830, 2.3748, -15.0695

# Complementary

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



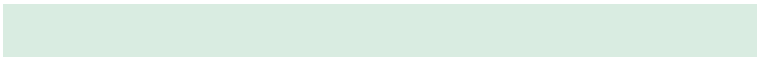
232.2160, 5.8095, 3.3186



239.7840, -5.8095, -3.3186

# Split Complementary

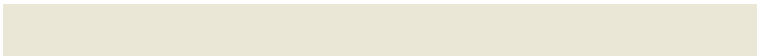
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.0650, -2.0040, -10.5810



232.2160, 5.8095, 3.3186



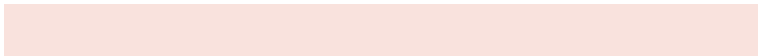
230.2580, -8.0152, 4.1587

# Square

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



232.2160, 5.8095, 3.3186



232.3070, -5.5744, 14.6398



229.7840, -5.8095, -3.3186



228.5080, 6.1586, -15.3545

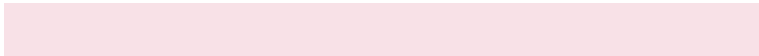


# Rectangle

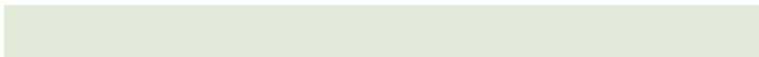
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.2160, 5.8095, 3.3186



232.5610, -0.7696, 13.5400



229.7840, -5.8095, -3.3186



228.4390, 0.7696, -13.5400

# Sweetspot

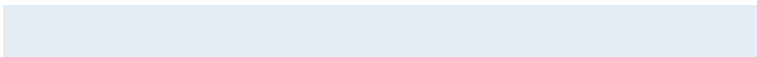
The Sweet Spot groups the original color and five complimentary colors.



232.2160, 5.8095, 3.3186



251.1680, 1.8892, 0.7297



234.5200, 4.6736, -5.7180



125.6410, 1.1630, 0.3148



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.



232.2160, 5.8095, 3.3186



240.2700, 7.2619, 4.1482



234.6080, 4.6303, 8.2368



113.1620, 4.3571, 2.4889



49.0110, 67.5356, 38.5784



15.3970, 21.4963, 11.9298



# Inverse Universe

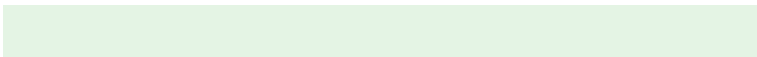
The Inverse Universe completely reimagines the original color for something new.



233.6960, 1.1359, 9.0366



242.1200, 1.4198, 11.2958



237.3920, -4.6303, -8.2368



114.2720, 0.8519, 6.7775



66.2160, 13.2045, 105.0506

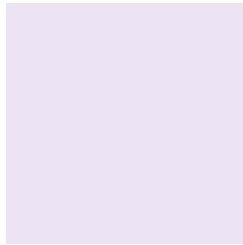


20.9470, 3.9701, 33.3725



# Previews

## White Background



This preview shows how the YUV color 232.2160, 5.8095, 3.3186 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

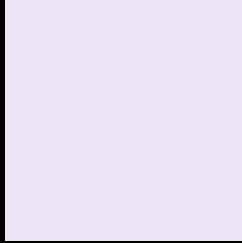
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 232.2160, 5.8095, 3.3186 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

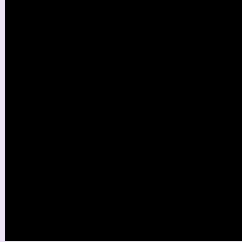
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

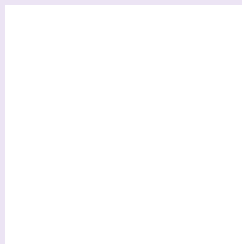
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 232.2160, 5.8095, 3.3186

## Background



This preview shows how black text looks on a background with the YUV color 232.2160, 5.8095, 3.3186.



This preview shows how white text looks on a background with the YUV color 232.2160, 5.8095,

3.3186.

# 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

232.2160, 5.8095, 3.3186

### Protanopia

232.0090, 6.4046, -0.8849

### Deuteranopia

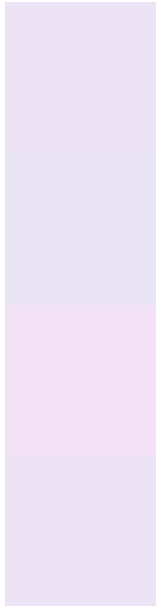
233.2710, 5.7824, 12.0403



## Tritanopia

232.4440, 6.6831, 3.1186

# Trichromacy



## Original Color

232.2160, 5.8095, 3.3186

## Protanomaly

232.0200, 6.3991, 0.8595

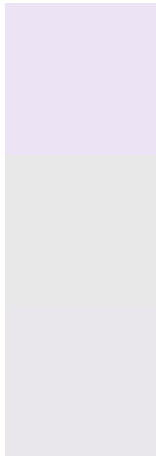
## Deuteranomaly

232.6620, 6.0826, 9.0664

## Tritanomaly

232.3300, 6.2463, 3.2186

# Monochromacy



## Original Color

232.2160, 5.8095, 3.3186

## Achromatopsia

232.0000, 0.0000, 0.0000

## Achromatomaly

232.1680, 1.8892, 0.7297

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.2160, 5.8095, 3.3186 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(236, 228, 244)` looks like.

```
.text, #text, p{  
    color:rgb(236, 228, 244)  
}
```

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(236, 228, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 228, 244) }
```

## Border

The CSS property to change the border of an element to YUV 232.2160, 5.8095, 3.3186 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".

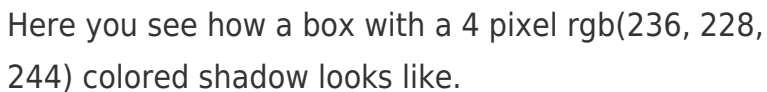
```
.border, #border, table{ border:4px solid rgb(236, 228, 244) }
```



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

```
.border{ border-color:rgb(236, 228, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(236, 228, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 228, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 228, 244); box-shadow:4px 4px 4px 4px rgb(236, 228, 244) }
```

# Background

The CSS property to change the background color of an element to YUV 232.2160, 5.8095, 3.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 228, 244) }
```

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

```
.background{ background-color: rgb(236,  
228, 244) }
```

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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