

# Converting Colors

YUV(232.4340, 5.2090, 9.2664)

Have a look what the booklet for  
YUV(232.4340, 5.2090, 9.2664)  
contains.

<b>YUV(232.4340, 5.2090, 9.2664)</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(232.4340, 5.2090,  
9.2664)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3E1F3
RGB	243, 225, 243
RGB Percent	95%, 88%, 95%
CMY	0.0471, 0.1176, 0.0471
CMYK	0.00, 0.07, 0.00, 0.05
HSL	300°, 43%, 92%
HSV	300°, 7%, 95%
XYZ	80.0650, 79.3762, 95.8953
YIQ	232.4340, 4.9500, 9.4140

# Conversions

## Conversions Part 2

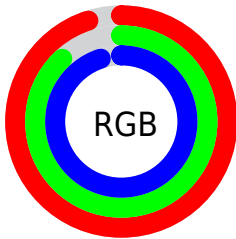
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 225, 243
Decimal	15983091
CIE <sub>Lab</sub>	91.40, 9.26, -6.53
CIE <sub>LCh</sub>	91, 11.334, 324.824
Yxy	79.3762, 0.3136, 0.3109
Android (android.graphics.Color)	4294173171 (0xFFFF3E1F3)
YUV	232.4340, 5.2090, 9.2664
Hunter-Lab	89.0933, 4.4984, -1.4513

# Details

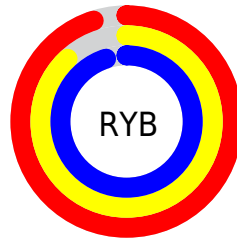
The YUV color `232.4340, 5.2090, 9.2664` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `235.5660, -5.2090, -9.2664`, and the grayscale version is `232.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `177.0210, 4.9196, 8.7516` is the 20% darker color. If you saturate the color by 10%, you get `218.3460, 12.1544, 21.6216`, and if you desaturate by 10%, it is `246.5220, -1.7363, -3.0888`.

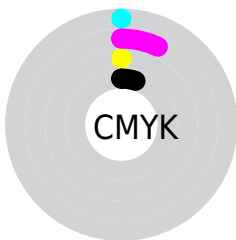
# Distribution



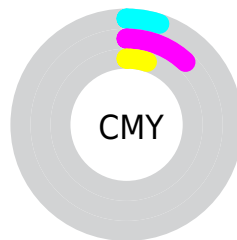
- Red (95%)
- Green (88%)
- Blue (95%)



- Red (95%)
- Yellow (88%)
- Blue (95%)



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



- Cyan (5%)
- Magenta (12%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 232.4340, 5.2090, 9.2664 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 232.4340, 5.2090, 9.2664 by changing the saturation by 10% instead.



232.4340, 5.2090,  
9.2664

232.4340, 5.2090,  
9.2664

255.0000, 0.0000,  
0.0000

204.4340, 5.2090,  
9.2664

177.0210, 4.9196,  
8.7516

150.0210, 4.9196,  
8.7516

124.6080, 4.6303,  
8.2368

99.1950, 4.3409,  
7.7220

75.1950, 4.3409,  
7.7220

52.7820, 4.0515,

7.2072

■ 31.3690, 3.7621,  
6.6924

■ 7.8470, 5.4984,  
9.7812

■ 232.4340, 5.2090,  
9.2664

■ 232.4340, 5.2090,  
9.2664

■ 218.3460, 12.1544,  
21.6216

■ 246.5220, -1.7363,  
-3.0888

■ 203.6710, 19.3892,  
34.4915

■ 250.0440, -3.4727,  
-6.1776

■ 189.5830, 26.3346,  
46.8467

■ 175.4950, 33.2800,  
59.2019

■ 160.8200, 40.5147,  
72.0719

■ 146.7320, 47.4601,  
84.4270

■ 132.6440, 54.4055,  
96.7822

■ 118.5560, 61.3509,  
109.1374

■ 103.8810, 68.5857,  
122.0074

# Harmonies

## Analogous

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



231.1060, 9.3147, -0.9700



232.4340, 5.2090, 9.2664



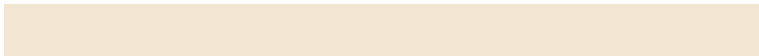
232.8110, 0.0932, 16.8288

# Triad

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



232.4340, 5.2090, 9.2664



230.6070, -10.6523, 9.9917



227.0620, 5.8854, -21.1024

# Complementary

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



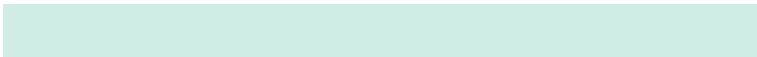
232.4340, 5.2090, 9.2664



235.5660, -5.2090, -9.2664

# 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.



227.0040, 0.4910, -17.5435



232.4340, 5.2090, 9.2664



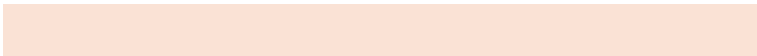
228.7090, -8.7305, 0.2552

# Square

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



232.4340, 5.2090, 9.2664



231.6940, -9.2161, 16.0544



227.6800, -4.7722, -9.3664



228.1100, 9.8058, -18.5135



# Rectangle

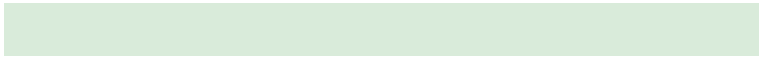
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.4340, 5.2090, 9.2664



232.4970, -3.6960, 18.8581



227.6800, -4.7722, -9.3664



226.9050, 3.9908, -20.0877

# Sweetspot

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



232.4340, 5.2090, 9.2664



252.0650, 1.4470, 2.5740



227.0520, 7.8624, -1.7996



126.2390, 0.8682, 1.5444



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.



232.4340, 5.2090, 9.2664



241.4990, 6.6560, 11.8404



231.4080, 1.2779, 10.1662



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731



# Inverse Universe

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



232.4340, 5.2090, 9.2664



241.4990, 6.6560, 11.8404



236.5920, -1.2779, -10.1662



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526

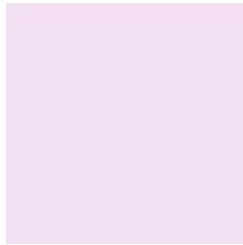


24.3670, 17.0741, 30.3731



# Previews

## White Background



This preview shows how the YUV color 232.4340, 5.2090, 9.2664 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

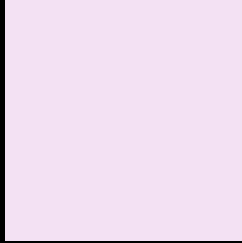
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 232.4340, 5.2090, 9.2664 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

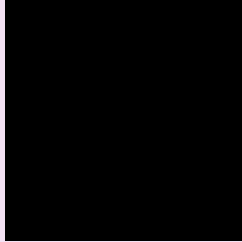
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 232.4340, 5.2090, 9.2664

## Background



This preview shows how black text looks on a background with the YUV color 232.4340, 5.2090, 9.2664.



This preview shows how white text looks on a background with the YUV color 232.4340, 5.2090, 9.2664.

9.2664.

# 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

232.4340, 5.2090, 9.2664

### Protanopia

231.1230, 6.8414, -0.9849

### Deuteranopia

233.0430, 4.9088, 12.2403



## Tritanopia

232.4340, 5.2090, 9.2664

# Trichromacy



## Original Color

232.4340, 5.2090, 9.2664

## Protanomaly

231.9170, 5.9569, 2.7038

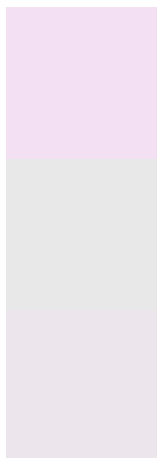
## Deuteranomaly

232.7440, 5.0562, 11.6255

## Tritanomaly

232.4340, 5.2090, 9.2664

# Monochromacy



## Original Color

232.4340, 5.2090, 9.2664

## Achromatopsia

232.0000, 0.0000, 0.0000

## Achromatomaly

231.8910, 2.0257, 3.6036

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.4340, 5.2090, 9.2664 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(243, 225, 243)` looks like.

```
.text, #text, p{  
    color:rgb(243, 225, 243)  
}
```

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(243, 225, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 225, 243) }
```

## Border

The CSS property to change the border of an element to YUV 232.4340, 5.2090, 9.2664 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(243, 225, 243) }
```



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

```
.border{ border-color:rgb(243, 225, 243) }
```

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

Here you see how a box with a 4 pixel rgb(243, 225, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 225, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 225, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 225,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 232.4340, 5.2090, 9.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 225, 243) }
```

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

```
.background{ background-color: rgb(243,  
225, 243) }
```

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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