

# Converting Colors

YUV(240.9070, 1.0318, -4.3034)

Have a look what the booklet for  
YUV(240.9070, 1.0318, -4.3034)  
contains.

<b>YUV(240.9070, 1.0318, -4.3034)</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(240.9070, 1.0318,  
-4.3034)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ECF3F3
RGB	236, 243, 243
RGB Percent	93%, 95%, 95%
CMY	0.0745, 0.0471, 0.0471
CMYK	0.03, 0.00, 0.00, 0.05
HSL	180°, 23%, 94%
HSV	180°, 3%, 95%
XYZ	82.8203, 88.4051, 97.4928
YIQ	240.9070, -4.1720, -1.4840

# Conversions

## Conversions Part 2

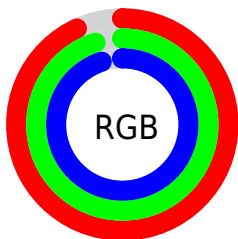
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	236, 240, 243
Decimal	15528947
CIE <sub>Lab</sub>	95.33, -2.31, -0.82
CIE <sub>LCh</sub>	95, 2.448, 199.505
Y <sub>xy</sub>	88.4051, 0.3082, 0.3290
Android (android.graphics.Color)	4293719027 (0xFFECEF3F3)
YUV	240.9070, 1.0318, -4.3034
Hunter-Lab	94.0240, -7.3116, 4.3394

# Details

The YUV color `240.9070, 1.0318, -4.3034` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `238.0930, -1.0318, 4.3034`, and the grayscale version is `241.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `184.9070, 1.0318, -4.3034` is the 20% darker color. If you saturate the color by 10%, you get `233.7310, 4.5696, -19.0581`, and if you desaturate by 10%, it is `246.5880, -1.7689, 7.3773`.

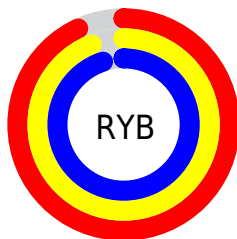
# Distribution



Red (93%)

Green (95%)

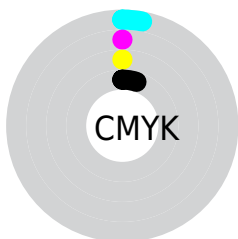
Blue (95%)



Red (93%)

Yellow (94%)

Blue (95%)

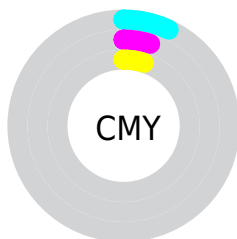


Cyan (3%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (7%)

Magenta (5%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 240.9070, 1.0318, -4.3034 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 240.9070, 1.0318, -4.3034 by changing the saturation by 10% instead.



240.9070, 1.0318,  
-4.3034

240.9070, 1.0318,  
-4.3034

255.0000, 0.0000,  
0.0000

212.9070, 1.0318,  
-4.3034

184.9070, 1.0318,  
-4.3034

157.9070, 1.0318,  
-4.3034

131.9070, 1.0318,  
-4.3034

106.9070, 1.0318,  
-4.3034

82.2060, 0.8844,  
-3.6887

59.5050, 0.7370,

-3.0739

■ 37.5050, 0.7370,  
-3.0739

■ 16.9070, 1.0318,  
-4.3034

■ 240.9070, 1.0318,  
-4.3034

■ 240.9070, 1.0318,  
-4.3034

■ 233.7310, 4.5696,  
-19.0581

■ 246.5880, -1.7689,  
7.3773

■ 226.2560, 8.2548,  
-34.4275

■ 219.0800, 11.7926,  
-49.1822

■ 211.9040, 15.3303,  
-63.9368

■ 204.4290, 19.0155,  
-79.3062

■ 197.2530, 22.5533,  
-94.0609

■ 190.0770, 26.0910,  
-108.8155

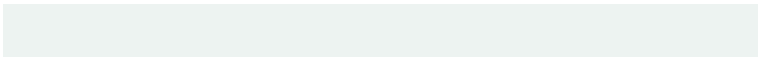
■ 182.9010, 29.6288,  
-123.5702

■ 175.4260, 33.3140,  
-138.9396

# Harmonies

## Analogous

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



240.9780, 0.0108, -3.4887



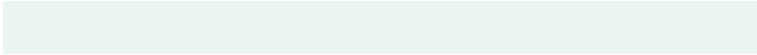
240.9070, 1.0318, -4.3034



241.4340, 1.7580, -3.8886

# Triad

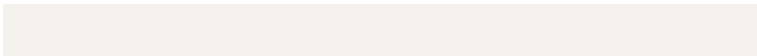
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.9070, 1.0318, -4.3034



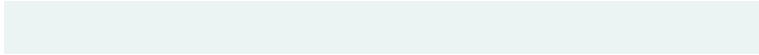
242.3530, 1.3050, 1.4444



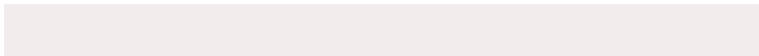
241.7400, -2.3368, 2.8590

# Complementary

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



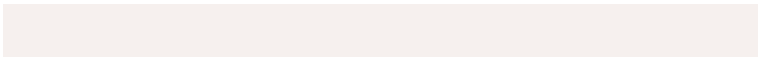
240.9070, 1.0318, -4.3034



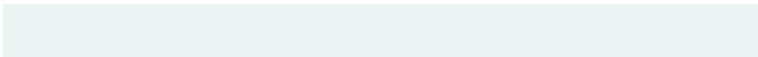
238.0930, -1.0318, 4.3034

# Split Complementary

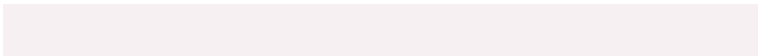
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.5660, -1.7580, 3.8886



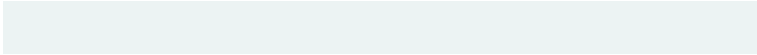
240.9070, 1.0318, -4.3034



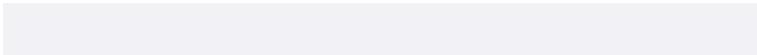
242.0220, -0.0108, 3.4887

# Square

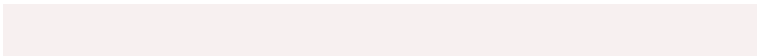
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.9070, 1.0318, -4.3034



241.5700, 2.1840, -0.4999



242.0930, -1.0318, 4.3034



241.4300, -2.1840, 0.4999

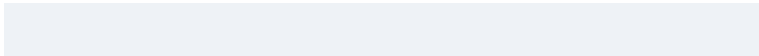


# Rectangle

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



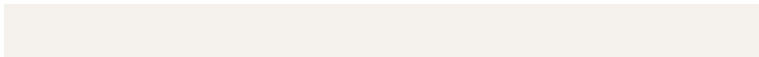
240.9070, 1.0318, -4.3034



241.2600, 2.3368, -2.8590



242.0930, -1.0318, 4.3034



241.7400, -2.3368, 2.8590

# Sweetspot

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



240.9070, 1.0318, -4.3034



254.1030, 0.4422, -1.8443



240.1090, -2.0257, -3.6036



127.4020, 0.2948, -1.2296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

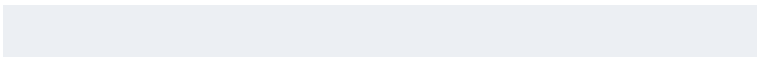
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.9070, 1.0318, -4.3034



252.6080, 1.1793, -4.9182



238.5590, 2.1894, -2.2442



120.8040, 0.5896, -2.4591



130.3860, 27.4177, -114.3485



41.3590, 8.6970, -36.2718



# Inverse Universe

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



238.8910, 2.0257, 3.6036



250.3040, 2.3151, 4.1184



239.8540, -1.9000, 2.7590



119.6520, 1.1576, 2.0592



76.8180, 53.8267, 95.7526

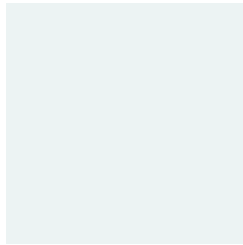


24.3670, 17.0741, 30.3731



# Previews

## White Background



This preview shows how the YUV color 240.9070, 1.0318, -4.3034 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

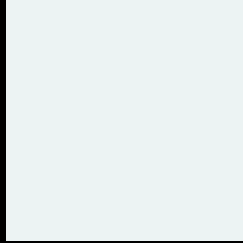
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 240.9070, 1.0318, -4.3034 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

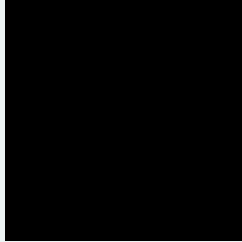
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

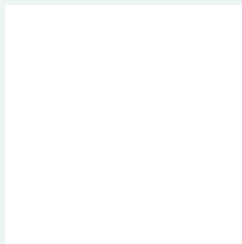
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 240.9070, 1.0318, -4.3034

## Background



This preview shows how black text looks on a background with the YUV color 240.9070, 1.0318, -4.3034.



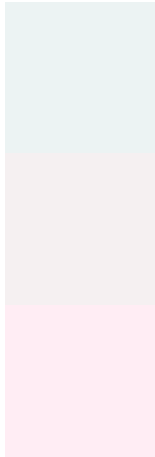
This preview shows how white text looks on a background with the YUV color 240.9070, 1.0318, -4.3034.

-4.3334.

# 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

240.9070, 1.0318, -4.3034

### Protanopia

241.6090, -0.3002, 2.9739

### Deuteranopia

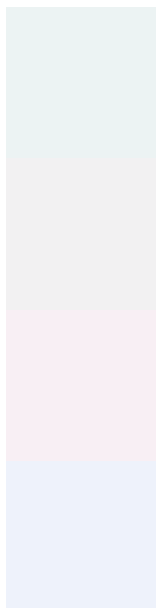
243.1800, 0.4043, 10.3661



## Tritanopia

241.9980, 6.4100, -2.6292

# Trichromacy



## Original Color

240.9070, 1.0318, -4.3034

## Protanomaly

241.4130, 0.2894, 0.5148

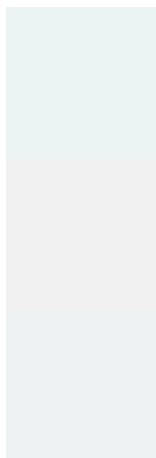
## Deuteranomaly

242.2610, 0.8573, 5.0331

## Tritanomaly

241.8300, 4.5208, -3.3589

# Monochromacy



## Original Color

240.9070, 1.0318, -4.3034

## Achromatopsia

241.0000, 0.0000, 0.0000

## Achromatomaly

241.1030, 0.4422, -1.8443

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 240.9070, 1.0318, -4.3034 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, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(236, 243, 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(236, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 243, 243) }
```

## Border

The CSS property to change the border of an element to YUV 240.9070, 1.0318, -4.3034 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, 243, 243) }
```



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

```
.border{ border-color:rgb(236, 243, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(236, 243,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 240.9070, 1.0318, -4.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 243, 243) }
```

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

```
.background{ background-color: rgb(236,  
243, 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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