

# Converting Colors

YUV(232.9390, 5.9461, 6.1925)

Have a look what the booklet for  
YUV(232.9390, 5.9461, 6.1925)  
contains.

<b>YUV(232.9390, 5.9461, 6.1925)</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(232.9390, 5.9461,  
6.1925)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0E3F5
RGB	240, 227, 245
RGB Percent	94%, 89%, 96%
CMY	0.0588, 0.1098, 0.0392
CMYK	0.02, 0.07, 0.00, 0.04
HSL	283°, 47%, 93%
HSV	283°, 7%, 96%
XYZ	79.8857, 80.0560, 97.6281
YIQ	232.9390, 1.9700, 8.3540

# Conversions

## Conversions Part 2

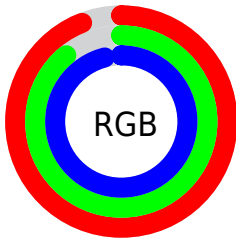
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 227, 245
Decimal	15786997
CIE Lab	91.71, 7.59, -7.15
CIE LCh	92, 10.430, 316.722
Yxy	80.0560, 0.3102, 0.3108
Android (android.graphics.Color)	4293977077 (0xFFFF0E3F5)
YUV	232.9390, 5.9461, 6.1925
Hunter-Lab	89.4740, 2.7918, -2.0615

# Details

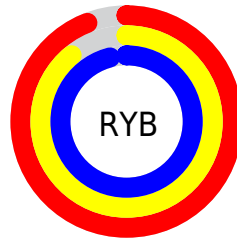
The YUV color `232.9390, 5.9461, 6.1925` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `239.0610, -5.9461, -6.1925`, and the grayscale version is `233.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `177.5260, 5.6567, 5.6777` is the 20% darker color. If you saturate the color by 10%, you get `216.7580, 13.9233, 14.2442`, and if you desaturate by 10%, it is `249.1200, -2.0312, -1.8592`.

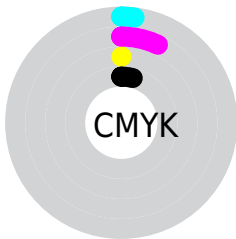
# Distribution



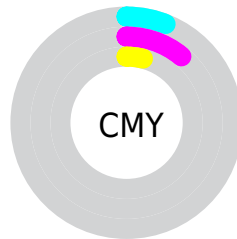
- Red (94%)
- Green (89%)
- Blue (96%)



- Red (94%)
- Yellow (89%)
- Blue (96%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (11%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 232.9390, 5.9461, 6.1925 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 232.9390, 5.9461, 6.1925 by changing the saturation by 10% instead.



232.9390, 5.9461,  
6.1925

232.9390, 5.9461,  
6.1925

255.0000, 0.0000,  
0.0000

204.9390, 5.9461,  
6.1925

177.5260, 5.6567,  
5.6777

150.5260, 5.6567,  
5.6777

124.5260, 5.6567,  
5.6777

99.9990, 4.9305,  
5.2629

75.9990, 4.9305,  
5.2629

53.5860, 4.6411,

4.7481

■ 32.1730, 4.3517,  
4.2333

■ 8.0640, 6.3774,  
7.8369

■ 232.9390, 5.9461,  
6.1925

■ 232.9390, 5.9461,  
6.1925

■ 216.7580, 13.9233,  
14.2442

■ 249.1200, -2.0312,  
-1.8592

■ 199.9900, 22.1899,  
22.8108

■ 253.5610, -4.2206,  
0.3850

■ 184.1080, 30.0198,  
31.4773

■ 253.8600, -4.3680,  
0.9998

■ 167.3400, 38.2864,  
40.0438

■ 150.5720, 46.5530,  
48.6104

■ 134.3910, 54.5302,  
56.6621

■ 117.6230, 62.7969,  
65.2286

■ 101.7410, 70.6267,  
73.8951

■ 84.9730, 78.8933,  
82.4617

# Harmonies

## Analogous

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



231.6820, 9.0308, -3.2291



232.9390, 5.9461, 6.1925



233.4300, 1.2670, 13.6549

# Triad

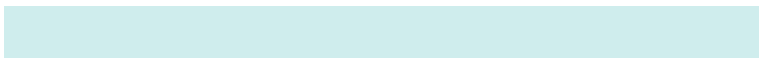
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.9390, 5.9461, 6.1925



231.5470, -9.6367, 10.9213



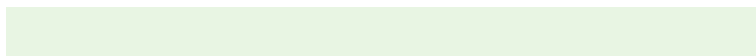
228.0300, 4.4222, -18.4433

# Complementary

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



232.9390, 5.9461, 6.1925



239.0610, -5.9461, -6.1925

# 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.



228.2710, -1.1196, -14.2697



232.9390, 5.9461, 6.1925



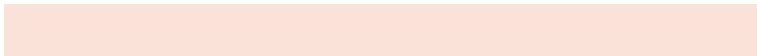
230.3180, -9.0308, 3.2291

# Square

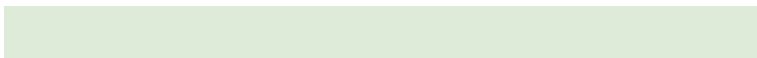
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.9390, 5.9461, 6.1925



232.4490, -7.6164, 16.2692



229.0610, -5.9461, -6.1925



228.6540, 8.0586, -18.1136

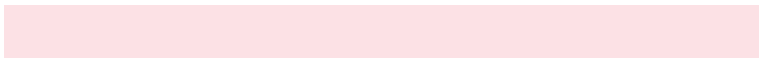


# Rectangle

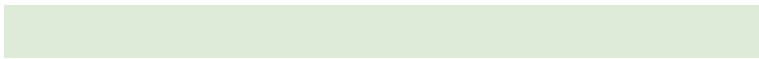
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.9390, 5.9461, 6.1925



233.5290, -2.2328, 16.1991



229.0610, -5.9461, -6.1925



227.8730, 2.5276, -17.4286

# Sweetspot

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



232.9390, 5.9461, 6.1925



251.7660, 1.5944, 1.9592



231.9870, 6.4154, -4.3736



125.9400, 1.0156, 0.9296



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.



232.9390, 5.9461, 6.1925



239.7050, 7.5404, 8.1517



233.9780, 3.4618, 9.6663



114.0590, 3.9149, 4.3333



61.2700, 61.4919, 63.7842



19.2840, 19.5800, 19.9219



# Inverse Universe

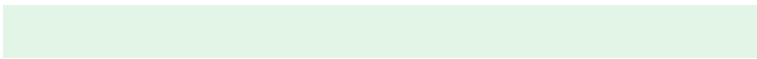
The Inverse Universe completely reimagines the original color for something new.



232.9520, -0.4693, 10.5661



239.5610, -0.7696, 13.5400



238.0220, -3.4618, -9.6663



114.0440, -0.0217, 6.9774



61.5420, -4.7042, 109.1497

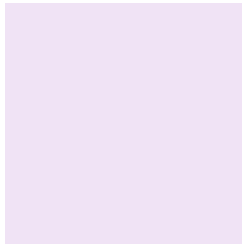


19.4650, -1.7082, 34.6722



# Previews

## White Background



This preview shows how the YUV color 232.9390, 5.9461, 6.1925 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

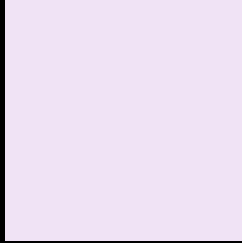
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 232.9390, 5.9461, 6.1925 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

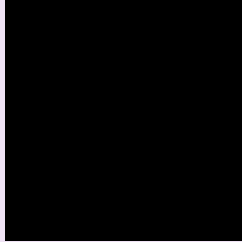
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

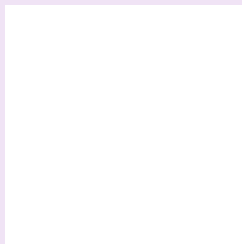
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 232.9390, 5.9461, 6.1925

## Background



This preview shows how black text looks on a background with the YUV color 232.9390, 5.9461, 6.1925.



This preview shows how white text looks on a background with the YUV color 232.9390, 5.9461,

6.1925.

# 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

232.9390, 5.9461, 6.1925

### Protanopia

232.2370, 7.2782, -1.0848

### Deuteranopia

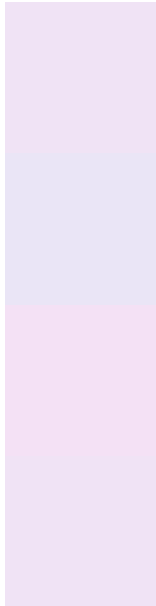
233.2710, 5.7824, 12.0403



## Tritanopia

232.9390, 5.9461, 6.1925

# Trichromacy



## Original Color

232.9390, 5.9461, 6.1925

## Protanomaly

232.4330, 6.6885, 1.3743

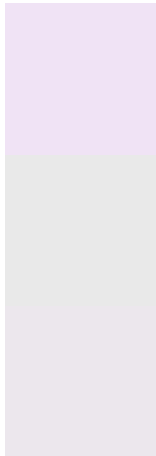
## Deuteranomaly

232.9610, 5.9352, 9.6812

## Tritanomaly

232.9390, 5.9461, 6.1925

# Monochromacy



## Original Color

232.9390, 5.9461, 6.1925

## Achromatopsia

233.0000, 0.0000, 0.0000

## Achromatomaly

233.1790, 1.8838, 2.4740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 232.9390, 5.9461, 6.1925 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(240, 227, 245)` looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 245)  
}
```

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(240, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 245) }
```

## Border

The CSS property to change the border of an element to YUV 232.9390, 5.9461, 6.1925 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(240, 227, 245) }
```



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

```
.border{ border-color:rgb(240, 227, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 227, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
245) }
```

# Background

The CSS property to change the background color of an element to YUV 232.9390, 5.9461, 6.1925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 245) }
```

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

```
.background{ background-color: rgb(240,  
227, 245) }
```

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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