

# Converting Colors

YUV(228.8420, 3.0359, 6.2776)

Have a look what the booklet for  
YUV(228.8420, 3.0359, 6.2776)  
contains.

<b>YUV(228.8420, 3.0359, 6.2776)</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(228.8420, 3.0359,  
6.2776)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECE0EB
RGB	236, 224, 235
RGB Percent	93%, 88%, 92%
CMY	0.0745, 0.1216, 0.0784
CMYK	0.00, 0.05, 0.00, 0.07
HSL	305°, 24%, 90%
HSV	305°, 5%, 93%
XYZ	76.2431, 77.1423, 89.4688
YIQ	228.8420, 3.6210, 5.9650

# Conversions

## Conversions Part 2

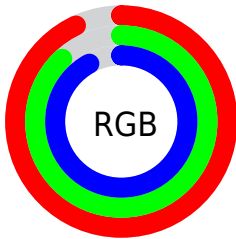
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 224, 235
Decimal	15524075
CIE Lab	90.39, 6.01, -3.90
CIE LCh	90, 7.166, 327.020
Yxy	77.1423, 0.3139, 0.3176
Android (android.graphics.Color)	4293714155 (0xFFECE0EB)
YUV	228.8420, 3.0359, 6.2776
Hunter-Lab	87.8307, 1.2466, 1.0857

# Details

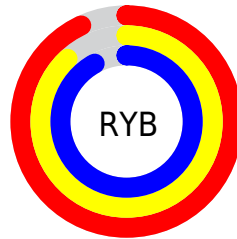
The YUV color `228.8420, 3.0359, 6.2776` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `231.1580, -3.0359, -6.2776`, and the grayscale version is `229.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `173.4290, 2.7465, 5.7628` is the 20% darker color. If you saturate the color by 10%, you get `214.5260, 9.1077, 18.8327`, and if you desaturate by 10%, it is `243.1580, -3.0359, -6.2776`.

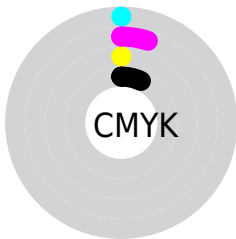
# Distribution



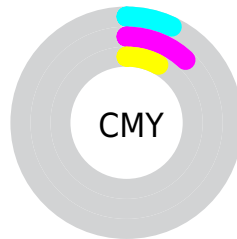
- Red (93%)
- Green (88%)
- Blue (92%)



- Red (93%)
- Yellow (88%)
- Blue (92%)



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



- Cyan (7%)
- Magenta (12%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 228.8420, 3.0359, 6.2776 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 228.8420, 3.0359, 6.2776 by changing the saturation by 10% instead.



228.8420, 3.0359,  
6.2776

228.8420, 3.0359,  
6.2776

255.0000, 0.0000,  
0.0000

200.8420, 3.0359,  
6.2776

173.4290, 2.7465,  
5.7628

146.5430, 3.1833,  
5.6628

121.1300, 2.8939,  
5.1480

96.1300, 2.8939,  
5.1480

72.7170, 2.6045,  
4.6332

50.0160, 2.4571,

5.2480

■ 29.3040, 2.3151,  
4.1184

■ 4.8420, 3.0359,  
6.2776

■ 228.8420, 3.0359,  
6.2776

■ 228.8420, 3.0359,  
6.2776

■ 214.5260, 9.1077,  
18.8327

■ 243.1580, -3.0359,  
-6.2776

■ 200.7970, 14.8901,  
30.8730

■ 247.4950, -4.1880,  
-10.0811

■ 186.4810, 20.9619,  
43.4282

■ 247.7230, -3.3144,  
-10.2811

■ 172.7520, 26.7443,  
55.4685

■ 247.9510, -2.4408,  
-10.4810

158.4360, 32.8161,  
68.0236

248.1790, -1.5672,  
-10.6810

144.1200, 38.8878,  
80.5788

248.4070, -0.6937,  
-10.8809

130.3910, 44.6702,  
92.6191

248.6350, 0.1799,  
-11.0809

116.0750, 50.7420,  
105.1742

248.8630, 1.0535,  
-11.2809

102.3460, 56.5244,  
117.2146

249.0910, 1.9271,  
-11.4808

# Harmonies

## Analogous

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



228.1940, 5.8204, -0.1701



228.8420, 3.0359, 6.2776



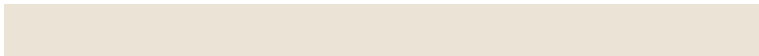
228.9520, -0.4693, 10.5661

# Triad

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



228.8420, 3.0359, 6.2776



227.6110, -6.7102, 5.6032



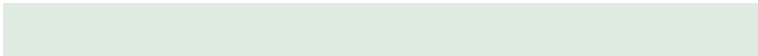
225.2480, 3.8217, -12.4955

# Complementary

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



228.8420, 3.0359, 6.2776



231.1580, -3.0359, -6.2776

# 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.



225.6350, 0.1799, -11.0809



228.8420, 3.0359, 6.2776



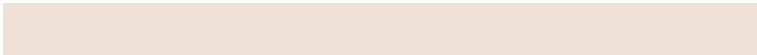
226.5070, -5.6730, -0.4446

# Square

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



228.8420, 3.0359, 6.2776



228.4590, -6.1423, 10.1215



226.1580, -3.0359, -6.2776



225.9430, 6.4371, -11.3510



# Rectangle

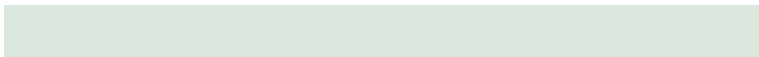
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.8420, 3.0359, 6.2776



229.0940, -2.5113, 12.1956



226.1580, -3.0359, -6.2776



225.6070, 2.6587, -12.8103

# Sweetspot

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



228.8420, 3.0359, 6.2776



252.0650, 1.4470, 2.5740



225.6670, 5.0942, -0.5850



126.1250, 0.4314, 1.6444



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.



228.8420, 3.0359, 6.2776



246.0810, 3.9041, 7.8220



228.1580, 0.4151, 6.8774



112.3040, 2.3151, 4.1184



73.0430, 45.8278, 94.6783



21.7320, 13.4431, 28.2990



# Inverse Universe

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



228.8420, 3.0359, 6.2776



246.0810, 3.9041, 7.8220



231.8420, -0.4151, -6.8774



112.3040, 2.3151, 4.1184



73.0430, 45.8278, 94.6783

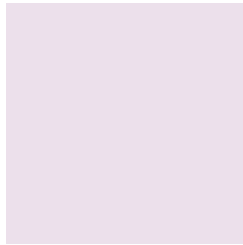


21.7320, 13.4431, 28.2990



# Previews

## White Background



This preview shows how the YUV color 228.8420, 3.0359, 6.2776 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

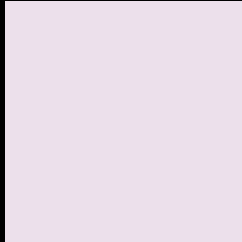
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 228.8420, 3.0359, 6.2776 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

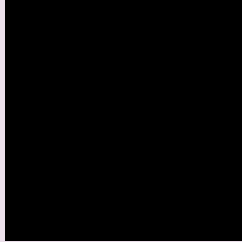
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

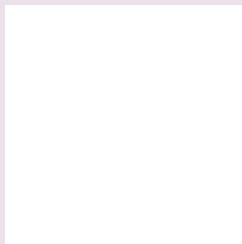
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YUV 228.8420, 3.0359, 6.2776**

## **Background**



This preview shows how black text looks on a background with the YUV color 228.8420, 3.0359, 6.2776.



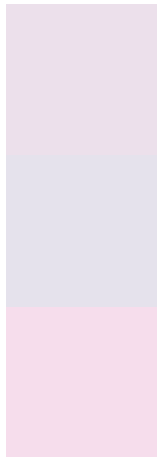
This preview shows how white text looks on a background with the YUV color 228.8420, 3.0359,

6.2776.

# 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

228.8420, 3.0359, 6.2776

### Protanopia

228.0370, 3.9258, 0.8446

### Deuteranopia

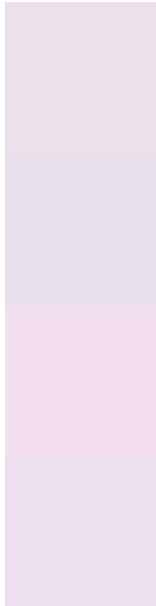
230.1850, 2.8668, 13.8698



## Tritanopia

229.2380, 5.7987, 6.8073

# Trichromacy



## Original Color

228.8420, 3.0359, 6.2776

## Protanomaly

228.3470, 3.7729, 3.2037

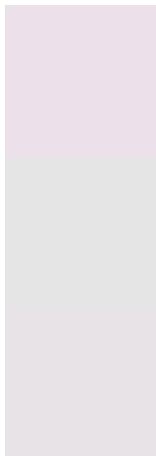
## Deuteranomaly

229.5760, 3.1670, 10.8958

## Tritanomaly

229.0100, 4.9251, 7.0072

# Monochromacy



## Original Color

228.8420, 3.0359, 6.2776

## Achromatopsia

229.0000, 0.0000, 0.0000

## Achromatomaly

228.9510, 1.0102, 2.6740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 228.8420, 3.0359, 6.2776 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, 224, 235)` looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 235)  
}
```

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, 224, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 235) }
```

## Border

The CSS property to change the border of an element to YUV 228.8420, 3.0359, 6.2776 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, 224, 235) }
```



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

```
.border{ border-color:rgb(236, 224, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 224, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 235);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 228.8420, 3.0359, 6.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 235) }
```

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

```
.background{ background-color: rgb(236,  
224, 235) }
```

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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