

# Converting Colors

YUV(220.8360, 5.5039, 8.0368)

Have a look what the booklet for  
YUV(220.8360, 5.5039, 8.0368)  
contains.

<b>YUV(220.8360, 5.5039, 8.0368)</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(220.8360, 5.5039,  
8.0368)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6D6E8
RGB	230, 214, 232
RGB Percent	90%, 84%, 91%
CMY	0.0980, 0.1608, 0.0902
CMYK	0.01, 0.08, 0.00, 0.09
HSL	293°, 28%, 87%
HSV	293°, 8%, 91%
XYZ	71.2452, 70.7423, 86.2435
YIQ	220.8360, 3.7580, 8.9900

# Conversions

## Conversions Part 2

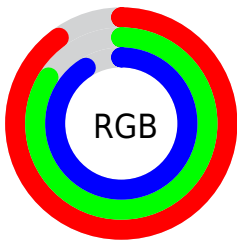
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 214, 232
Decimal	15128296
CIE Lab	87.36, 8.68, -6.84
CIE LCh	87, 11.052, 321.750
Yxy	70.7423, 0.3122, 0.3100
Android (android.graphics.Color)	4293318376 (0xFFE6D6E8)
YUV	220.8360, 5.5039, 8.0368
Hunter-Lab	84.1085, 4.0110, -1.9192

# Details

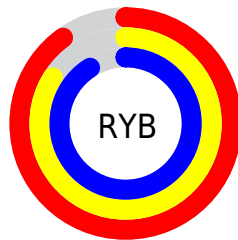
The YUV color `220.8360, 5.5039, 8.0368` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `225.1640, -5.5039, -8.0368`, and the grayscale version is `221.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `165.4230, 5.2145, 7.5220` is the 20% darker color. If you saturate the color by 10%, you get `206.4380, 12.6021, 18.0329`, and if you desaturate by 10%, it is `235.2340, -1.5944, -1.9592`.

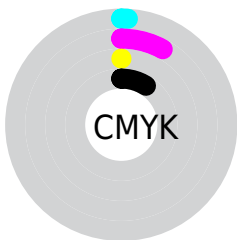
# Distribution



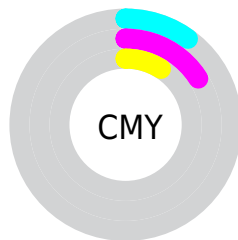
- Red (90%)
- Green (84%)
- Blue (91%)



- Red (90%)
- Yellow (84%)
- Blue (91%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (16%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 220.8360, 5.5039, 8.0368 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 220.8360, 5.5039, 8.0368 by changing the saturation by 10% instead.



220.8360, 5.5039,  
8.0368

220.8360, 5.5039,  
8.0368

255.0000, 0.0000,  
0.0000

192.8360, 5.5039,  
8.0368

165.4230, 5.2145,  
7.5220

139.4230, 5.2145,  
7.5220

114.0100, 4.9251,  
7.0072

89.5970, 4.6357,  
6.4924

66.1840, 4.3463,  
5.9776

44.1840, 4.3463,

5.9776

■ 22.7710, 4.0569,  
5.4628

■ 0.6840, 2.6208,  
-0.5999

■ 220.8360, 5.5039,  
8.0368

■ 220.8360, 5.5039,  
8.0368

■ 206.4380, 12.6021,  
18.0329

■ 235.2340, -1.5944,  
-1.9592

■ 192.3390, 19.5529,  
28.6437

■ 246.3980, -7.0982,  
-9.9960

■ 177.3540, 26.9405,  
39.1545

■ 247.2950, -7.5404,  
-8.1517

■ 163.2550, 33.8913,  
49.7654

■ 247.8930, -7.8352,  
-6.9222

148.8570, 40.9895,  
59.7614

248.7900, -8.2775,  
-5.0778

134.7580, 47.9403,  
70.3722

249.3880, -8.5723,  
-3.8483

120.3600, 55.0385,  
80.3683

250.2850, -9.0145,  
-2.0039

105.3750, 62.4261,  
90.8791

251.1820, -9.4567,  
-0.1596

91.2760, 69.3769,  
101.4899

251.7800, -9.7515,  
1.0699

# Harmonies

## Analogous

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



219.6930, 9.0254, -1.4848



220.8360, 5.5039, 8.0368



221.2130, 0.3880, 15.5992

# Triad

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



220.8360, 5.5039, 8.0368



219.0200, -10.3629, 10.5065



215.5460, 5.1538, -19.7728

# Complementary

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



220.8360, 5.5039, 8.0368



225.1640, -5.5039, -8.0368

# 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.



215.4880, -0.2406, -16.2140



220.8360, 5.5039, 8.0368



217.8940, -9.3147, 0.9700

# Square

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



220.8360, 5.5039, 8.0368



220.2210, -8.4900, 16.4692



216.2780, -5.0671, -8.1368



216.8820, 8.9322, -18.3135



# Rectangle

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



220.8360, 5.5039, 8.0368



221.3120, -3.1118, 18.1434



216.2780, -5.0671, -8.1368



215.5030, 3.6960, -18.8581

# Sweetspot

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



220.8360, 5.5039, 8.0368



251.7660, 1.5944, 1.9592



217.2260, 7.2836, -2.8292



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.



220.8360, 5.5039, 8.0368



240.6020, 7.0982, 9.9960



220.6360, 2.1515, 9.9662



107.3580, 3.7675, 4.9480



67.9470, 54.7491, 79.8535



19.2690, 15.6434, 22.5661



# Inverse Universe

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



219.6100, -1.7797, 10.8660



239.2190, -2.0800, 13.8399



225.3640, -2.1515, -9.9662



106.8160, -0.8953, 7.1774



55.8010, -17.6499, 108.0455

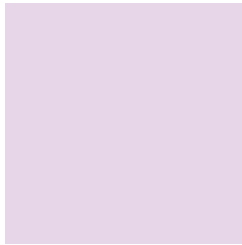


15.9330, -4.8970, 30.7538



# Previews

## White Background



This preview shows how the YUV color 220.8360, 5.5039, 8.0368 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

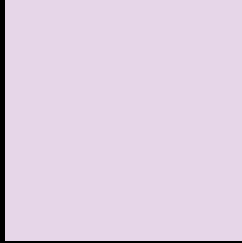
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 220.8360, 5.5039, 8.0368 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

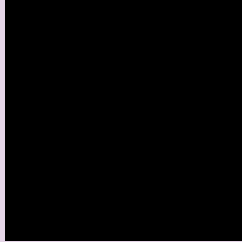
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 220.8360, 5.5039, 8.0368

## Background



This preview shows how black text looks on a background with the YUV color 220.8360, 5.5039, 8.0368.



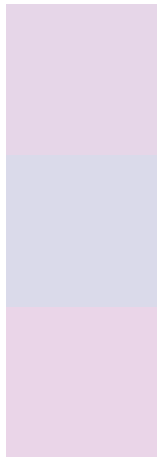
This preview shows how white text looks on a background with the YUV color 220.8360, 5.5039, 8.0368.



# 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

220.8360, 5.5039, 8.0368

### Protanopia

219.8240, 6.9888, -1.5996

### Deuteranopia

221.4450, 5.2036, 11.0107



## Tritanopia

220.7220, 5.0671, 8.1368

# Trichromacy



## Original Color

220.8360, 5.5039, 8.0368

## Protanomaly

220.3190, 6.2517, 1.4742

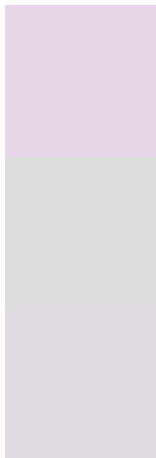
## Deuteranomaly

221.1460, 5.3510, 10.3960

## Tritanomaly

220.7220, 5.0671, 8.1368

# Monochromacy



## Original Color

220.8360, 5.5039, 8.0368

## Achromatopsia

221.0000, 0.0000, 0.0000

## Achromatomaly

220.5920, 2.1731, 2.9888

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 220.8360, 5.5039, 8.0368 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(230, 214, 232)` looks like.

```
.text, #text, p{  
    color:rgb(230, 214, 232)  
}
```

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(230, 214, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 214, 232) }
```

## Border

The CSS property to change the border of an element to YUV 220.8360, 5.5039, 8.0368 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(230, 214, 232) }
```



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

```
.border{ border-color:rgb(230, 214, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 214, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 214, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 214, 232);  
box-shadow:4px 4px 4px 4px rgb(230, 214,  
232) }
```

# Background

The CSS property to change the background color of an element to YUV 220.8360, 5.5039, 8.0368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 214, 232) }
```

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

```
.background{ background-color: rgb(230,  
214, 232) }
```

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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