

# Converting Colors

YUV(213.1570, 5.3456, 12.1403)

Have a look what the booklet for  
YUV(213.1570, 5.3456, 12.1403)  
contains.

<b>YUV(213.1570, 5.3456, 12.1403)</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(213.1570, 5.3456,  
12.1403)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E3CCE0
RGB	227, 204, 224
RGB Percent	89%, 80%, 88%
CMY	0.1098, 0.2000, 0.1216
CMYK	0.00, 0.10, 0.01, 0.11
HSL	308°, 29%, 85%
HSV	308°, 10%, 89%
XYZ	66.7260, 64.8984, 79.5308
YIQ	213.1570, 7.2880, 11.0960

# Conversions

## Conversions Part 2

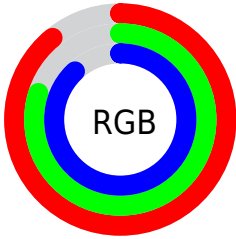
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 204, 224
Decimal	14929120
CIE <sub>Lab</sub>	84.43, 11.49, -6.96
CIE <sub>LCh</sub>	84, 13.431, 328.790
Yxy	64.8984, 0.3160, 0.3073
Android (android.graphics.Color)	4293119200 (0xFFE3CCE0)
<b>YUV</b>	213.1570, 5.3456, 12.1403
Hunter-Lab	80.5596, 6.8689, -2.1412

# Details

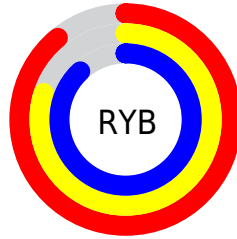
The YUV color  $213.1570, 5.3456, 12.1403$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $217.8430, -5.3456, -12.1403$ , and the grayscale version is  $213.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $158.7440, 5.0562, 11.6255$  is the 20% darker color. If you saturate the color by 10%, you get  $199.3140, 10.6912, 24.2806$ , and if you desaturate by 10%, it is  $227.0000, 0.0000, 0.0000$ .

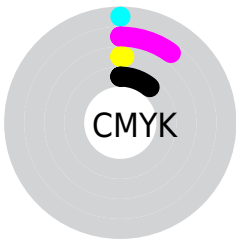
# Distribution



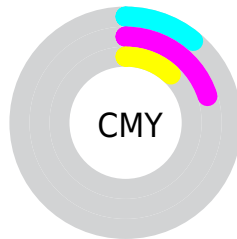
- Red (89%)
- Green (80%)
- Blue (88%)



- Red (89%)
- Yellow (80%)
- Blue (88%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 213.1570, 5.3456, 12.1403 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 213.1570, 5.3456, 12.1403 by changing the saturation by 10% instead.



■ 213.1570, 5.3456,  
12.1403

■ 213.1570, 5.3456,  
12.1403

255.0000, 0.0000,  
0.0000

■ 185.7440, 5.0562,  
11.6255

■ 158.7440, 5.0562,  
11.6255

■ 132.3310, 4.7668,  
11.1107

■ 107.0320, 4.9142,  
10.4959

■ 82.6190, 4.6248,  
9.9811

■ 59.6190, 4.6248,  
9.9811

■ 37.7930, 4.0461,

8.9515

■ 16.0320, 4.9142,  
10.4959

■ 0.0000, 0.0000,  
0.0000

■ 213.1570, 5.3456,  
12.1403

■ 213.1570, 5.3456,  
12.1403

■ 199.3140, 10.6912,  
24.2806

■ 227.0000, 0.0000,  
0.0000

■ 186.0580, 15.7474,  
35.9061

■ 240.2560, -5.0562,  
-11.6255

■ 172.2150, 21.0930,  
48.0464

■ 244.1200, -5.4822,  
-15.0142

■ 158.3720, 26.4386,  
60.1868

■ 244.4620, -4.1718,  
-15.3142

145.1160, 31.4948,  
71.8123

244.8040, -2.8614,  
-15.6141

131.2730, 36.8404,  
83.9526

245.1460, -1.5510,  
-15.9140

117.4300, 42.1860,  
96.0929

245.4880, -0.2406,  
-16.2140

103.5870, 47.5316,  
108.2332

245.8300, 1.0698,  
-16.5139

90.3310, 52.5878,  
119.8587

246.1720, 2.3802,  
-16.8138

# Harmonies

## Analogous

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



212.3450, 10.1829, 0.5744



213.1570, 5.3456, 12.1403



213.3060, -0.6439, 19.9026

# Triad

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



213.1570, 5.3456, 12.1403



210.8520, -12.2520, 9.7768



206.7950, 7.4961, -24.3762

# Complementary

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



213.1570, 5.3456, 12.1403



217.8430, -5.3456, -12.1403

# 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.



206.3240, 1.8123, -21.3321



213.1570, 5.3456, 12.1403



209.2420, -10.4723, -1.0892

# Square

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



213.1570, 5.3456, 12.1403



212.1350, -11.4056, 18.2986



207.5440, -5.1982, -12.7551



208.2560, 11.7058, -21.2725



# Rectangle

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



213.1570, 5.3456, 12.1403



212.8780, -4.8699, 22.0320



207.5440, -5.1982, -12.7551



206.3390, 5.7489, -23.9763

# Sweetspot

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



213.1570, 5.3456, 12.1403



250.1900, 1.8783, 4.2184



207.5190, 9.6041, -0.4552



124.3640, 1.2995, 3.1888



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.



213.1570, 5.3456, 12.1403



236.3470, 7.2239, 16.3587



211.9030, 0.5408, 13.2401



107.7280, 2.5991, 6.3775



71.1910, 41.3178, 94.5485



20.2650, 11.7014, 26.9546



# Inverse Universe

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



213.1570, 5.3456, 12.1403



236.3470, 7.2239, 16.3587



219.0970, -0.5408, -13.2401



107.7280, 2.5991, 6.3775



71.1910, 41.3178, 94.5485

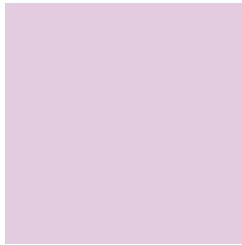


20.2650, 11.7014, 26.9546



# Previews

## White Background



This preview shows how the YUV color 213.1570, 5.3456, 12.1403 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

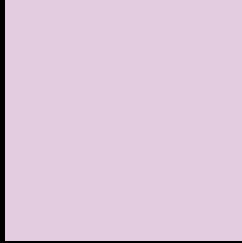
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 213.1570, 5.3456, 12.1403 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 213.1570, 5.3456, 12.1403

## Background



This preview shows how black text looks on a background with the YUV color 213.1570, 5.3456, 12.1403.



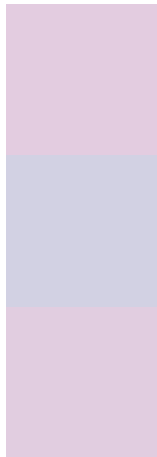
This preview shows how white text looks on a background with the YUV color 213.1570, 5.3456,



# 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

213.1570, 5.3456, 12.1403

### Protanopia

211.3510, 7.7150, -1.1848

### Deuteranopia

213.1460, 5.3510, 10.3960



## Tritanopia

213.4020, 3.7458, 11.9254

# Trichromacy



## Original Color

213.1570, 5.3456, 12.1403

## Protanomaly

211.8570, 6.9725, 3.6334

## Deuteranomaly

213.4450, 5.2036, 11.0107

## Tritanomaly

213.5160, 4.1826, 11.8255

# Monochromacy



## Original Color

213.1570, 5.3456, 12.1403

## Achromatopsia

213.0000, 0.0000, 0.0000

## Achromatomaly

213.1900, 1.8783, 4.2184

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 213.1570, 5.3456, 12.1403 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(227, 204, 224)` looks like.

```
.text, #text, p{  
    color:rgb(227, 204, 224)  
}
```

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(227, 204, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 204, 224) }
```

## Border

The CSS property to change the border of an element to YUV 213.1570, 5.3456, 12.1403 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(227, 204, 224) }
```



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

```
.border{ border-color:rgb(227, 204, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 204, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 204, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 204, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 204,  
224) }
```

# Background

The CSS property to change the background color of an element to YUV 213.1570, 5.3456, 12.1403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 204, 224) }
```

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

```
.background{ background-color: rgb(227,  
204, 224) }
```

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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