

# Converting Colors

YUV(202.5440, -1.7472, 0.3999)

Have a look what the booklet for  
YUV(202.5440, -1.7472, 0.3999)  
contains.

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# Color

**YUV(202.5440, -1.7472,  
0.3999)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBCBC7
RGB	203, 203, 199
RGB Percent	80%, 80%, 78%
CMY	0.2039, 0.2039, 0.2196
CMYK	0.00, 0.00, 0.02, 0.20
HSL	60°, 4%, 79%
HSV	60°, 2%, 80%
XYZ	56.2933, 59.5319, 62.5567
YIQ	202.5440, 1.2840, -1.2440

# Conversions

## Conversions Part 2

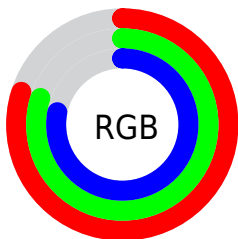
Format	Color
<a href="#">RYB</a>	<a href="#">199, 203, 199</a>
Decimal	<a href="#">13355975</a>
CIELab	<a href="#">81.58, -0.72, 1.98</a>
CIELCh	<a href="#">82, 2.108, 109.960</a>
Yxy	<a href="#">59.5319, 0.3156, 0.3337</a>
Android (android.graphics.Color)	<a href="#">4291546055</a> ( <a href="#">0xFFCBCBC7</a> )
YUV	<a href="#">202.5440, -1.7472, 0.3999</a>
Hunter-Lab	<a href="#">77.1569, -4.7918, 5.9392</a>

# Details

The YUV color  $202.5440, -1.7472, 0.3999$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $199.4560, 1.7472, -0.3999$ , and the grayscale version is  $203.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $148.5440, -1.7472, 0.3999$  is the 20% darker color. If you saturate the color by 10%, you get  $200.2640, -10.4832, 2.3995$ , and if you desaturate by 10%, it is  $204.8240, 6.9888, -1.5996$ .

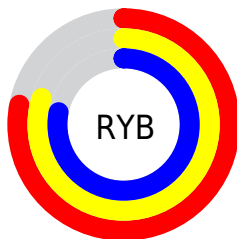
# Distribution



Red (80%)

Green (80%)

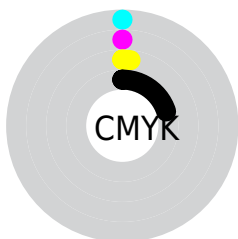
Blue (78%)



Red (78%)

Yellow (80%)

Blue (78%)

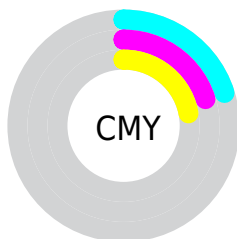


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 202.5440, -1.7472, 0.3999 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 202.5440, -1.7472, 0.3999 by changing the saturation by 10% instead.



■ 202.5440, -1.7472,  
0.3999

■ 202.5440, -1.7472,  
0.3999

255.0000, 0.0000,  
0.0000

■ 175.5440, -1.7472,  
0.3999

■ 148.5440, -1.7472,  
0.3999

■ 122.6580, -1.3104,  
0.2999

■ 97.6580, -1.3104,  
0.2999

■ 74.5440, -1.7472,  
0.3999

■ 51.6580, -1.3104,  
0.2999

■ 30.6580, -1.3104,

0.2999

■ 5.4300, -2.1840,  
0.4999

■ 0.0000, 0.0000,  
0.0000

■ 202.5440, -1.7472,  
0.3999

■ 202.5440, -1.7472,  
0.3999

■ 200.2640,  
-10.4832, 2.3995

■ 204.8240, 6.9888,  
-1.5996

■ 197.8700,  
-19.6559, 4.4990

■ 207.2180, 16.1615,  
-3.6992

■ 195.5900,  
-28.3919, 6.4986

■ 208.9280, 22.7135,  
-5.1989

■ 193.3100,  
-37.1278, 8.4981

■ 191.0300,  
-45.8638, 10.4977

■ 188.6360,  
-55.0365, 12.5972

■ 186.3560,  
-63.7725, 14.5968

■ 184.0760,  
-72.5085, 16.5963

■ 181.6820,  
-81.6812, 18.6959

# Harmonies

## Analogous

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



202.5550, -1.7526, 2.1443



202.5440, -1.7472, 0.3999



202.6470, -1.3050, -1.4444

# Triad

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



202.5440, -1.7472, 0.3999



202.7330, 1.6106, -3.2738



203.3100, -0.1528, 2.3591

# Complementary

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



202.5440, -1.7472, 0.3999



199.4560, 1.7472, -0.3999

# 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.



203.2390, 0.8682, 1.5444



202.5440, -1.7472, 0.3999



202.5590, 2.1894, -2.2442

# Square

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



202.5440, -1.7472, 0.3999



202.2060, 0.8844, -3.6887



202.4560, 1.7472, -0.3999



202.7940, -0.8844, 3.6887



# Rectangle

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



202.5440, -1.7472, 0.3999



202.1630, -0.5734, -2.7740



202.4560, 1.7472, -0.3999



203.4240, 0.2840, 2.2592

# Sweetspot

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



202.5440, -1.7472, 0.3999



254.6580, -1.3104, 0.2999



200.1960, -0.5896, 2.4591



127.7720, -0.8736, 0.2000



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.



202.5440, -1.7472, 0.3999



254.4300, -2.1840, 0.4999



201.9460, -1.4524, -0.8296



101.7720, -0.8736, 0.2000



147.0760, -72.5085, 16.5963



33.6680, -16.5983, 3.7992



# Inverse Universe

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



199.4560, 1.7472, -0.3999



250.5700, 2.1840, -0.4999



200.0540, 1.4524, 0.8296



100.2280, 0.8736, -0.2000



18.9240, 72.5085, -16.5963

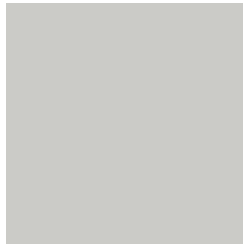


4.3320, 16.5983, -3.7992



# Previews

## White Background



This preview shows how the YUV color 202.5440, -1.7472, 0.3999 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

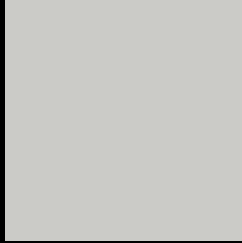
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 202.5440, -1.7472, 0.3999 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

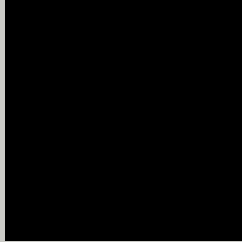
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

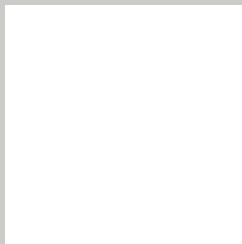
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YUV 202.5440, -1.7472, 0.3999**

## **Background**



This preview shows how black text looks on a background with the YUV color 202.5440, -1.7472, 0.3999.



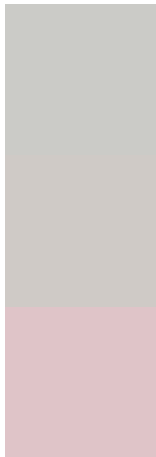
This preview shows how white text looks on a background with the YUV color 202.5440, -1.7472,

0.3999.

# 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

202.5440, -1.7472, 0.3999

### Protanopia

203.0390, -2.4842, 3.4738

### Deuteranopia

204.5290, -2.2328, 16.1991



## Tritanopia

203.6180, 6.1043, 2.0890

# Trichromacy



## Original Color

202.5440, -1.7472, 0.3999

## Protanomaly

202.7400, -2.3368, 2.8590

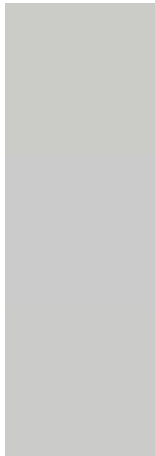
## Deuteranomaly

204.1970, -2.0691, 10.3512

## Tritanomaly

203.2220, 3.3416, 1.5593

# Monochromacy



## Original Color

202.5440, -1.7472, 0.3999

## Achromatopsia

203.0000, 0.0000, 0.0000

## Achromatomaly

202.8860, -0.4368, 0.1000

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 202.5440, -1.7472, 0.3999 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(203, 203, 199)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 199)  
}
```

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(203, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 199) }
```

## Border

The CSS property to change the border of an element to YUV 202.5440, -1.7472, 0.3999 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(203, 203, 199) }
```



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

```
.border{ border-color:rgb(203, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 203, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 203, 199); box-shadow:4px 4px 4px 4px rgb(203, 203, 199) }
```

# Background

The CSS property to change the background color of an element to YUV 202.5440, -1.7472, 0.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 199) }
```

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

```
.background{ background-color: rgb(203,  
203, 199) }
```

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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