

# Converting Colors

YUV(229.7620, 7.5123,  
-29.6093)

Have a look what the booklet for  
YUV(229.7620, 7.5123, -29.6093)  
contains.

<b>YUV(229.7620, 7.5123, -29.6093)</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(229.7620, 7.5123,  
-29.6093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4F4F5
RGB	196, 244, 245
RGB Percent	77%, 96%, 96%
CMY	0.2314, 0.0431, 0.0392
CMYK	0.20, 0.00, 0.00, 0.04
HSL	181°, 71%, 86%
HSV	181°, 20%, 96%
XYZ	71.5971, 83.0297, 98.6390
YIQ	229.7620, -28.9290, -9.8650

# Conversions

## Conversions Part 2

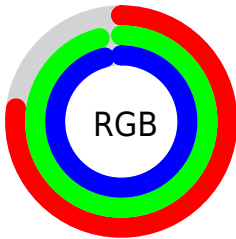
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 220, 245
Decimal	12907765
CIE <sub>Lab</sub>	93.03, -15.00, -5.54
CIE <sub>LCh</sub>	93, 15.995, 200.272
Yxy	83.0297, 0.2827, 0.3278
Android (android.graphics.Color)	4291097845 (0xFFC4F4F5)
YUV	229.7620, 7.5123, -29.6093
Hunter-Lab	91.1206, -19.2066, -0.3976

# Details

The YUV color  $229.7620, 7.5123, -29.6093$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $211.2380, -7.5123, 29.6093$ , and the grayscale version is  $230.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.4020, 0.2948, -1.2296$ , and  $174.0610, 7.3649, -28.9945$  is the 20% darker color. If you saturate the color by 10%, you get  $222.2870, 11.1975, -44.9787$ , and if you desaturate by 10%, it is  $237.8240, 3.5378, -14.7546$ .

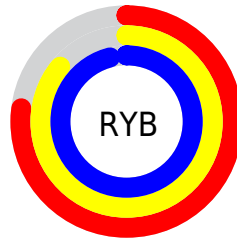
# Distribution



Red (77%)

Green (96%)

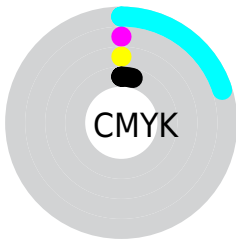
Blue (96%)



Red (77%)

Yellow (86%)

Blue (96%)

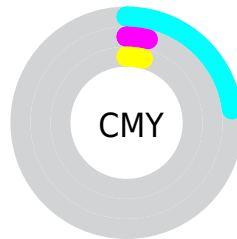


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (23%)

Magenta (4%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.7620, 7.5123, -29.6093 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 229.7620, 7.5123, -29.6093 by changing the saturation by 10% instead.



■ 229.7620, 7.5123,  
-29.6093

■ 229.7620, 7.5123,  
-29.6093

255.0000, 0.0000,  
0.0000

■ 201.7620, 7.5123,  
-29.6093

254.4020, 0.2948,  
-1.2296

■ 174.0610, 7.3649,  
-28.9945

■ 147.3600, 7.2175,  
-28.3797

■ 120.7730, 7.5069,  
-27.8649

■ 95.6590, 7.0701,  
-27.7649

■ 71.6590, 7.0701,  
-27.7649

■ 46.8760, 7.9491,

-29.7093

■ 27.5670, 6.6225,  
-24.1763

■ 13.5470, 3.6743,  
-11.8807

■ 229.7620, 7.5123,  
-29.6093

■ 229.7620, 7.5123,  
-29.6093

■ 222.2870, 11.1975,  
-44.9787

■ 237.8240, 3.5378,  
-14.7546

■ 214.5240, 15.0247,  
-59.2185

■ 245.0000, 0.0000,  
0.0000

■ 207.3480, 18.5624,  
-73.9732

■ 248.5770, -1.7635,  
5.6330

■ 199.2860, 22.5370,  
-88.8278

■ 249.1640, -2.0529,  
5.1182

■ 192.1100, 26.0748,  
-103.5825

■ 249.7510, -2.3422,  
4.6034

■ 184.0480, 30.0493,  
-118.4371

■ 176.5730, 33.7345,  
-133.8065

■ 168.8100, 37.5617,  
-148.0464

# Harmonies

## Analogous

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



230.3300, -0.6557, -23.0914



229.7620, 7.5123, -29.6093



230.6250, 12.0169, -27.7351

# Triad

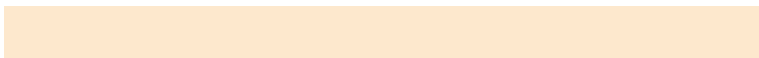
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.7620, 7.5123, -29.6093



237.6560, 8.5506, 10.8257



235.2010, -14.8891, 15.6097

# Complementary

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



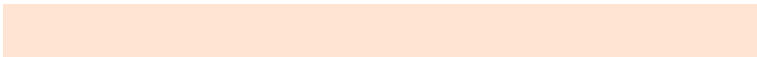
229.7620, 7.5123, -29.6093



211.2380, -7.5123, 29.6093

# 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.



234.2490, -10.9688, 18.1986



229.7620, 7.5123, -29.6093



235.7940, 2.5666, 16.8437

# Square

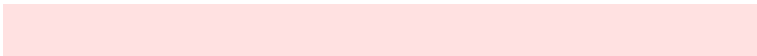
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.7620, 7.5123, -29.6093



235.2090, 9.7570, -2.8143



233.9700, -4.4222, 18.4433



233.1670, -13.3933, 2.4845

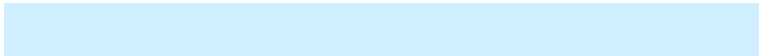


# Rectangle

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



229.7620, 7.5123, -29.6093



231.2560, 11.7058, -21.2725



233.9700, -4.4222, 18.4433



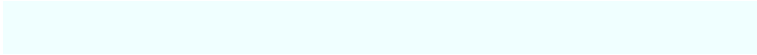
235.3260, -14.4577, 17.2541

# Sweetspot

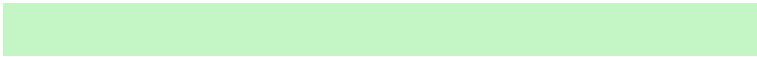
The Sweet Spot groups the original color and five complimentary colors.



229.7620, 7.5123, -29.6093



250.5150, 2.2111, -9.2217



224.8770, -13.7434, -25.3251



124.7220, 1.6161, -5.0182



0.0000, 0.0000, 0.0000

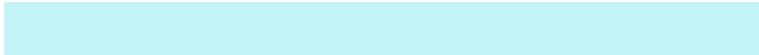


128.0000, 0.0000, 0.0000

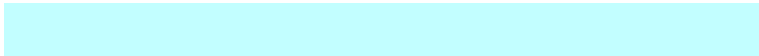


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.7620, 7.5123, -29.6093



236.1740, 9.2812, -36.9866



215.6740, 14.4577, -17.2541



118.4120, 1.7689, -7.3773



128.0380, 28.5753, -112.2893



40.1850, 9.2758, -35.2422



# Inverse Universe

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



216.1230, 13.7434, 25.3251



219.0790, 17.2161, 31.5027



225.3260, -14.4577, 17.2541



114.9560, 3.4727, 6.1776



76.3620, 52.0795, 96.1525

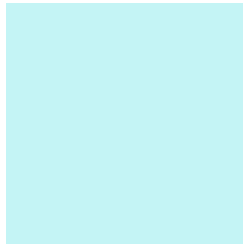


24.1390, 16.2005, 30.5731



# Previews

## White Background



This preview shows how the YUV color 229.7620, 7.5123, -29.6093 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

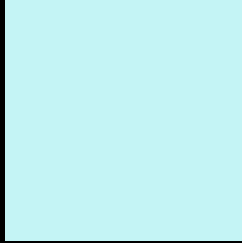
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.7620, 7.5123, -29.6093 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

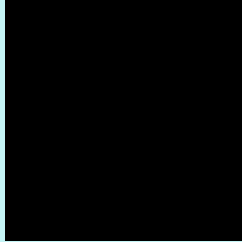
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 229.7620, 7.5123, -29.6093

## Background



This preview shows how black text looks on a background with the YUV color 229.7620, 7.5123, -29.6093.



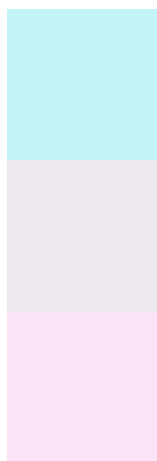
This preview shows how white text looks on a background with the YUV color 229.7620, 7.5123, -29.6093.

-29.6093.

# 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

229.7620, 7.5123, -29.6093

### Protanopia

234.8800, 2.0312, 1.8592

### Deuteranopia

237.1570, 5.3456, 12.1403



## Tritanopia

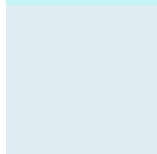
232.1420, 11.2690, -21.1725

# Trichromacy



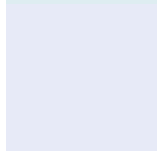
## Original Color

229.7620, 7.5123, -29.6093



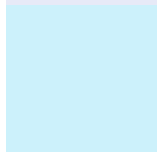
## Protanomaly

232.9710, 3.9583, -9.6216



## Deuteranomaly

234.5850, 6.1206, -3.1440



## Tritanomaly

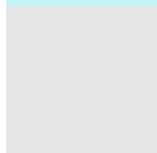
231.0770, 9.8220, -23.7465

# Monochromacy



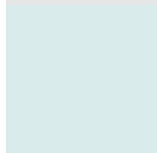
## Original Color

229.7620, 7.5123, -29.6093



## Achromatopsia

230.0000, 0.0000, 0.0000



## Achromatomaly

229.9170, 2.5059, -10.4512

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.7620, 7.5123, -29.6093 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(196, 244, 245)` looks like.

```
.text, #text, p{  
    color:rgb(196, 244, 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(196, 244, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 244, 245) }
```

## Border

The CSS property to change the border of an element to YUV 229.7620, 7.5123, -29.6093 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(196, 244, 245) }
```



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

```
.border{ border-color:rgb(196, 244, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 244, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 244, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 244, 245);  
box-shadow:4px 4px 4px 4px rgb(196, 244,  
245) }
```

# Background

The CSS property to change the background color of an element to YUV 229.7620, 7.5123, -29.6093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 244, 245) }
```

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

```
.background{ background-color: rgb(196,  
244, 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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