

# Converting Colors

YUV(208.1320, 9.7949,  
-15.0248)

Have a look what the booklet for  
YUV(208.1320, 9.7949, -15.0248)  
contains.

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# Color

**YUV(208.1320, 9.7949,  
-15.0248)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFD5E4
RGB	191, 213, 228
RGB Percent	75%, 84%, 89%
CMY	0.2510, 0.1647, 0.1059
CMYK	0.16, 0.07, 0.00, 0.11
HSL	204°, 41%, 82%
HSV	204°, 16%, 89%
XYZ	59.2837, 64.2663, 82.6788
YIQ	208.1320, -17.9270, 0.0010

# Conversions

## Conversions Part 2

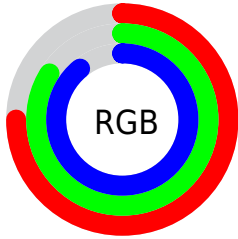
Format	Color
R <sub>Y</sub> B	191, 205, 228
Decimal	12572132
CIE Lab	84.10, -4.28, -9.87
CIE LCh	84, 10.757, 246.558
Yxy	64.2663, 0.2875, 0.3116
Android (android.graphics.Color)	4290762212 (0xFFBFD5E4)
YUV	208.1320, 9.7949, -15.0248
Hunter-Lab	80.1663, -8.2886, -5.0319

# Details

The YUV color **208.1320, 9.7949, -15.0248** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210.8680, -9.7949, 15.0248**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9070, 1.0318, -4.3034**, and **153.4310, 9.6475, -14.4100** is the 20% darker color. If you saturate the color by 10%, you get **195.9720, 15.7898, -24.5314**, and if you desaturate by 10%, it is **220.2920, 3.8000, -5.5181**.

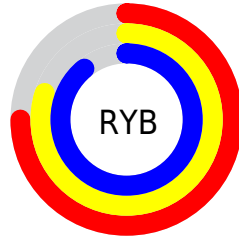
# Distribution



Red (75%)

Green (84%)

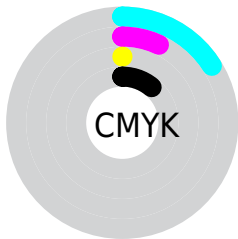
Blue (89%)



Red (75%)

Yellow (80%)

Blue (89%)

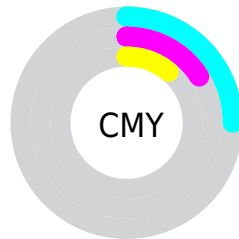


Cyan (16%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (25%)

Magenta (16%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 208.1320, 9.7949, -15.0248 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 208.1320, 9.7949, -15.0248 by changing the saturation by 10% instead.



■ 208.1320, 9.7949,  
-15.0248

■ 208.1320, 9.7949,  
-15.0248

255.0000, 0.0000,  
0.0000

■ 180.4310, 9.6475,  
-14.4100

■ 252.9070, 1.0318,  
-4.3034

■ 153.4310, 9.6475,  
-14.4100

■ 127.3170, 9.2107,  
-14.3100

■ 102.5020, 8.6265,  
-13.5953

■ 78.5020, 8.6265,  
-13.5953

■ 55.3880, 8.1897,  
-13.4953

■ 32.9750, 7.9003,

-14.0101

■ 13.8720, 7.4581,  
-12.1657

■ 0.0000, 0.0000,  
0.0000

■ 208.1320, 9.7949,  
-15.0248

■ 208.1320, 9.7949,  
-15.0248

■ 195.9720, 15.7898,  
-24.5314

■ 220.2920, 3.8000,  
-5.5181

■ 183.8120, 21.7847,  
-34.0381

■ 232.4520, -2.1948,  
3.9886

■ 171.3640, 27.9215,  
-42.4152

■ 243.7040, -7.7421,  
9.9066

■ 159.2040, 33.9164,  
-51.9219

■ 248.9870,  
-10.3466, 5.2734

■ 147.0440, 39.9113,  
-61.4286

■ 251.9220,  
-11.7935, 2.6994

■ 134.8840, 45.9062,  
-70.9353

■ 122.1370, 52.1905,  
-79.9271

■ 110.2760, 58.0379,  
-88.8191

■ 105.8240, 60.2328,  
-92.8076

# Harmonies

## Analogous

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



206.7140, 7.0430, -19.0432



208.1320, 9.7949, -15.0248



209.8880, 9.9152, -6.9178

# Triad

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



208.1320, 9.7949, -15.0248



211.9420, -1.9434, 16.7139



208.0290, -7.4093, -3.5334

# Complementary

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



208.1320, 9.7949, -15.0248



210.8680, -9.7949, 15.0248

# 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.



209.5140, -9.6204, 5.6882



208.1320, 9.7949, -15.0248



211.3890, -6.6008, 17.1988

# Square

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



208.1320, 9.7949, -15.0248



211.8750, 3.0196, 11.5106



210.2700, -9.5001, 13.7952



206.8260, -2.8722, -12.1254



# Rectangle

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



208.1320, 9.7949, -15.0248



210.8780, 8.4411, -0.7700



210.2700, -9.5001, 13.7952



208.5240, -8.1463, -0.4595

# Sweetspot

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



208.1320, 9.7949, -15.0248



248.1780, 3.3632, -5.4181



214.4290, -4.1555, -20.5472



123.2600, 2.3368, -2.8590



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

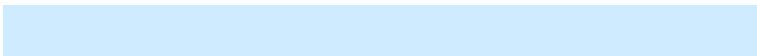


# Same Dimension

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



208.1320, 9.7949, -15.0248



228.9080, 12.8634, -19.2133



197.5660, 15.0040, -5.7584



108.4770, 3.2158, -4.8033



82.6280, 47.5114, -72.4648



23.4240, 13.5950, -20.5428



# Inverse Universe

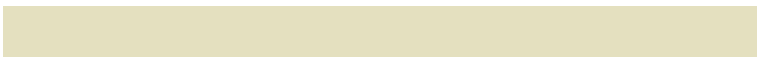
The Inverse Universe completely reimagines the original color for something new.



204.5710, 4.1555, 20.5472



224.5440, 5.1548, 26.7099



221.4340, -15.0040, 5.7584



107.3860, 1.2887, 6.6775



65.6050, 19.9147, 99.4474

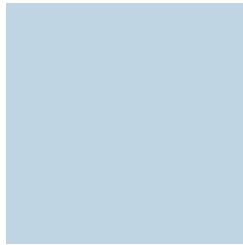


18.6690, 5.5862, 28.3543



# Previews

## White Background



This preview shows how the YUV color 208.1320, 9.7949, -15.0248 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

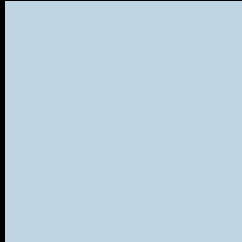
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 208.1320, 9.7949, -15.0248 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

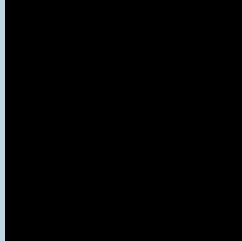
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

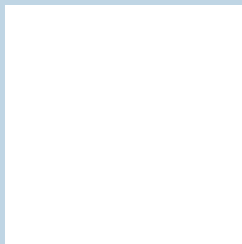
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 208.1320, 9.7949, -15.0248

## Background



This preview shows how black text looks on a background with the YUV color 208.1320, 9.7949, -15.0248.



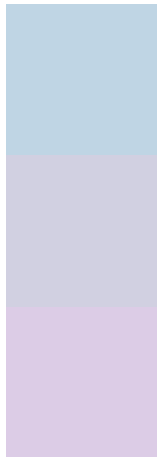
This preview shows how white text looks on a background with the YUV color 208.1320, 9.7949, -15.0248.

-15.0248.

# 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

208.1320, 9.7949, -15.0248

### Protanopia

210.2370, 7.2782, -1.0848

### Deuteranopia

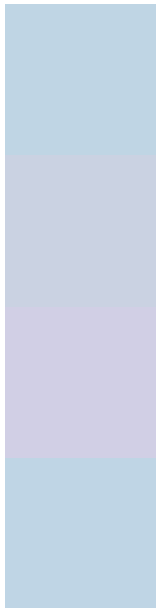
211.7480, 8.9982, 7.2370



## Tritanopia

208.3600, 10.6685, -15.2247

# Trichromacy



## Original Color

208.1320, 9.7949, -15.0248

## Protanomaly

209.4320, 8.1680, -6.5179

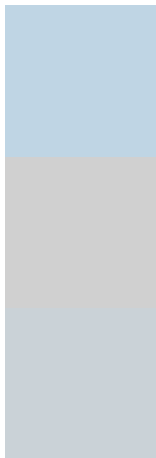
## Deuteranomaly

210.1060, 9.3147, -0.9700

## Tritanomaly

208.2460, 10.2317, -15.1247

# Monochromacy



## Original Color

208.1320, 9.7949, -15.0248

## Achromatopsia

208.0000, 0.0000, 0.0000

## Achromatomaly

208.1780, 3.3632, -5.4181

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.1320, 9.7949, -15.0248 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(191, 213, 228)` looks like.

```
.text, #text, p{  
    color:rgb(191, 213, 228)  
}
```

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(191, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 213, 228) }
```

## Border

The CSS property to change the border of an element to YUV 208.1320, 9.7949, -15.0248 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(191, 213, 228) }
```



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

```
.border{ border-color:rgb(191, 213, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 213, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 213, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 213, 228); box-shadow:4px 4px 4px 4px rgb(191, 213, 228) }
```

# Background

The CSS property to change the background color of an element to YUV 208.1320, 9.7949, -15.0248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 213, 228) }
```

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

```
.background{ background-color: rgb(191,  
213, 228) }
```

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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