

# Converting Colors

YUV(79.5560, 0.7119, 98.6134)

Have a look what the booklet for  
YUV(79.5560, 0.7119, 98.6134)  
contains.

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# Color

**YUV(79.5560, 0.7119,  
98.6134)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C01651
RGB	192, 22, 81
RGB Percent	75%, 9%, 32%
CMY	0.2471, 0.9137, 0.6824
CMYK	0.00, 0.89, 0.58, 0.25
HSL	339°, 79%, 42%
HSV	339°, 89%, 75%
XYZ	23.5103, 12.3744, 8.9339
YIQ	79.5560, 82.3810, 54.3890

# Conversions

## Conversions Part 2

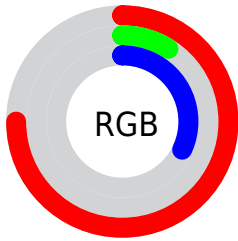
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 22, 81
Decimal	12588625
CIE Lab	41.81, 64.71, 12.76
CIE LCh	42, 65.951, 11.152
Yxy	12.3744, 0.5246, 0.2761
Android (android.graphics.Color)	4290778705 (0xFFC01651)
YUV	79.5560, 0.7119, 98.6134
Hunter-Lab	35.1772, 57.7385, 9.5662

# Details

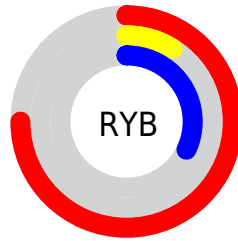
The YUV color **79.5560, 0.7119, 98.6134** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **134.4440, -0.7119, -98.6134**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1830, -6.9922, 96.3095**, and **43.3870, -3.1488, 76.8366** is the 20% darker color. If you saturate the color by 10%, you get **66.9210, 0.5319, 109.6943**, and if you desaturate by 10%, it is **92.1910, 0.8918, 87.5325**.

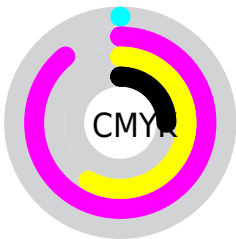
# Distribution



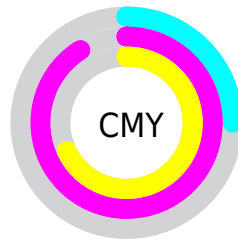
- Red (75%)
- Green (9%)
- Blue (32%)



- Red (75%)
- Yellow (9%)
- Blue (32%)



- Cyan (0%)
- Magenta (89%)
- Yellow (58%)
- Black (25%)



- Cyan (25%)
- Magenta (91%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 79.5560, 0.7119, 98.6134 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 79.5560, 0.7119, 98.6134 by changing the saturation by 10% instead.





 79.5560, 0.7119,  
98.6134


 79.5560, 0.7119,  
98.6134


255.0000, 0.0000,  
0.0000

 54.7510, 1.6018,  
93.1804


 144.1830, -6.9922,  
96.3095


 43.3870, -3.1488,  
76.8366


 164.4690, -4.1752,  
79.3957


 32.1370, -7.4625,  
60.3929

 184.5700, -0.7740,  
61.7671

 22.1690, -9.4503,  
44.5788

 204.0840, 2.9166,  
44.6533

 12.6720, -5.7543,  
25.7207

 224.8860, 6.4652,  
26.4100

 0.0000, 0.0000,  
0.0000

 243.8470, 5.4984,

9.7812

■ 79.5560, 0.7119,  
98.6134

■ 79.5560, 0.7119,  
98.6134

■ 66.9210, 0.5319,  
109.6943

■ 92.1910, 0.8918,  
87.5325

■ 65.0460, 0.9633,  
111.3387

■ 104.7120, 0.6350,  
76.5516

■ 117.9340, 0.5255,  
64.9559

■ 130.4550, 0.2687,  
53.9750

■ 143.0900, 0.4486,  
42.8941

■ 155.6110, 0.1918,  
31.9132

■ 168.2460, 0.3717,  
20.8323

■ 181.3540, -0.1745,  
9.3365

■ 193.9890, 0.0054,  
-1.7444

# Harmonies

## Analogous

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



90.3200, 22.0272, 75.1414



79.5560, 0.7119, 98.6134



88.7100, -29.9300, 80.0613

# Triad

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



79.5560, 0.7119, 98.6134



77.0840, -38.0024, -37.7847



89.9460, 55.2426, -78.8826

# Complementary

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



79.5560, 0.7119, 98.6134



134.4440, -0.7119, -98.6134

# 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.



90.4070, 39.2393, -79.2869



79.5560, 0.7119, 98.6134



77.3940, -8.0822, -67.8745

# Square

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



79.5560, 0.7119, 98.6134



90.9590, -44.8428, 9.6830



85.0660, 16.2365, -74.6029



81.7110, 61.7675, -71.6605



# Rectangle

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



79.5560, 0.7119, 98.6134



91.2780, -45.0001, 60.2692



85.0660, 16.2365, -74.6029



90.7950, 50.8801, -79.6272

# Sweetspot

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



79.5560, 0.7119, 98.6134



205.0680, 0.4595, 39.4054



74.5690, 57.8935, 51.2440



98.5560, 0.2189, 23.1914



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



79.5560, 0.7119, 98.6134



84.6680, 1.1497, 144.9962



88.0920, -32.5834, 91.1273



90.4460, 0.2731, 5.7479



54.5230, 0.7282, 93.3803



11.2350, 0.3771, 19.0879



# Inverse Universe

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



79.5560, 0.7119, 98.6134



84.6680, 1.1497, 144.9962



125.9080, 32.5834, -91.1273



90.4460, 0.2731, 5.7479



54.5230, 0.7282, 93.3803



11.2350, 0.3771, 19.0879



# Previews

## White Background



This preview shows how the YUV color 79.5560, 0.7119, 98.6134 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

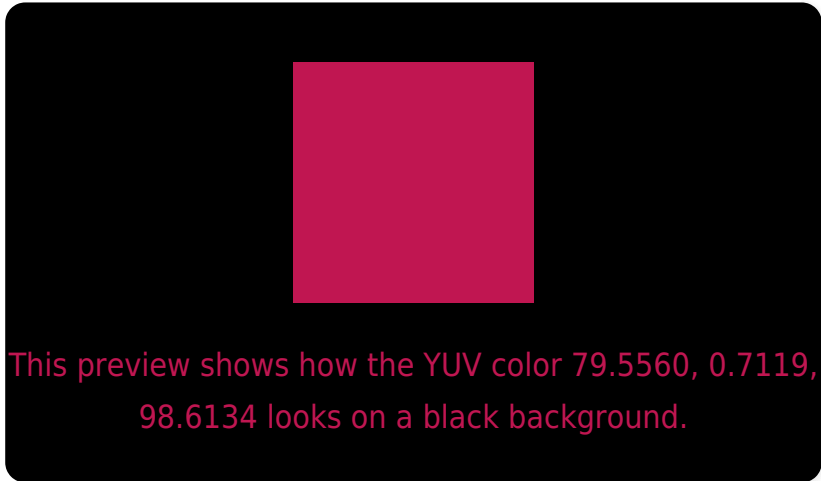
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

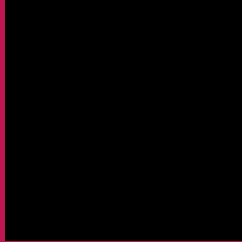
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 79.5560, 0.7119, 98.6134

## Background



This preview shows how black text looks on a background with the YUV color 79.5560, 0.7119, 98.6134.



This preview shows how white text looks on a background with the YUV color 79.5560, 0.7119,



# 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

79.5560, 0.7119, 98.6134

### Protanopia

100.3400, 7.7204, -2.9292

### Deuteranopia

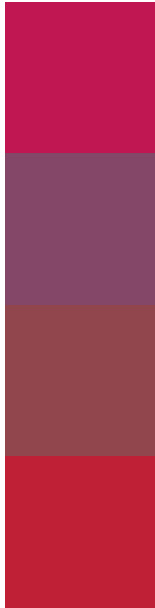
99.9560, -13.2893, 15.8246



## Tritanopia

82.7470, -22.5533, 94.0609

# Trichromacy



## Original Color

79.5560, 0.7119, 98.6134

## Protanomaly

92.8870, 4.9857, 34.3021

## Deuteranomaly

92.5220, -8.1453, 46.0232

## Tritanomaly

81.9350, -14.2650, 95.6500

# Monochromacy



## Original Color

79.5560, 0.7119, 98.6134

## Achromatopsia

80.0000, 0.0000, 0.0000

## Achromatomaly

79.9320, 0.0335, 36.0166

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.5560, 0.7119, 98.6134 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(192, 22, 81)` looks like.

```
.text, #text, p{  
    color:rgb(192, 22, 81)  
}
```

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(192, 22, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 22, 81) }
```

## Border

The CSS property to change the border of an element to YUV 79.5560, 0.7119, 98.6134 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(192, 22, 81) }
```



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

```
.border{ border-color:rgb(192, 22, 81) }
```

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

Here you see how a box with a 4 pixel rgb(192, 22, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 22, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 22, 81);  
box-shadow:4px 4px 4px 4px rgb(192, 22,  
81) }
```

# Background

The CSS property to change the background color of an element to YUV 79.5560, 0.7119, 98.6134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 22, 81) }
```

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

```
.background{ background-color: rgb(192, 22,  
81) }
```

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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