

Converting Colors

YUV(103.7330, -11.2074,
94.9502)

Have a look what the booklet for
YUV(103.7330, -11.2074, 94.9502)
contains.

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Color

**YUV(103.7330, -11.2074,
94.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	D43551
RGB	212, 53, 81
RGB Percent	83%, 21%, 32%
CMY	0.1686, 0.7922, 0.6824
CMYK	0.00, 0.75, 0.62, 0.17
HSL	349°, 65%, 52%
HSV	349°, 75%, 83%
XYZ	29.9097, 17.1373, 9.5160
YIQ	103.7330, 85.7760, 42.4160

Conversions

Conversions Part 2

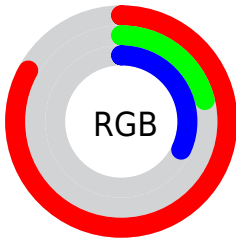
Format	Color
R_{YB}	212, 53, 81
Decimal	13907281
CIE Lab	48.43, 62.36, 22.34
CIE LCh	48, 66.243, 19.705
Yxy	17.1373, 0.5288, 0.3030
Android (android.graphics.Color)	4292097361 (0xFFD43551)
YUV	103.7330, -11.2074, 94.9502
Hunter-Lab	41.3973, 56.5217, 15.3491

Details

The YUV color **103.7330, -11.2074, 94.9502** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **161.2670, 11.2074, -94.9502**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.8090, -13.2168, 86.1135**, and **49.0680, -5.9495, 88.5174** is the 20% darker color. If you saturate the color by 10%, you get **89.4680, -12.5557, 107.4606**, and if you desaturate by 10%, it is **117.9980, -9.8590, 82.4398**.

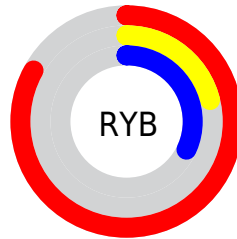
Distribution



Red (83%)

Green (21%)

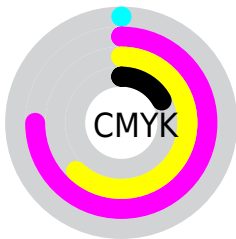
Blue (32%)



Red (83%)

Yellow (21%)

Blue (32%)

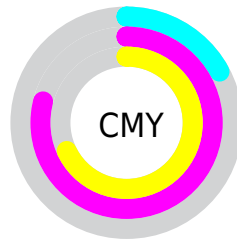


Cyan (0%)

Magenta (75%)

Yellow (62%)

Black (17%)



Cyan (17%)


Magenta (79%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.7330, -11.2074, 94.9502 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 103.7330, -11.2074, 94.9502 by changing the saturation by 10% instead.


 103.7330,
-11.2074, 94.9502

 103.7330,
-11.2074, 94.9502


255.0000, 0.0000,
0.0000


 66.6010, -4.2403,
100.3279


 156.8090,
-13.2168, 86.1135


 49.0680, -5.9495,
88.5174


 176.7960,
-10.2524, 68.5849

 37.8180, -10.2633,
72.0736


 196.3100, -6.5618,
51.4711

 26.9100, -13.2666,
55.3299

 216.4110, -3.1606,
33.8426

 18.8800, -7.8288,
37.8162

 237.3270, 0.8248,
15.4992

 7.5890, -3.2484,
15.2694

 0.0000, 0.0000,

0.0000

■ 103.7330,
-11.2074, 94.9502

■ 103.7330,
-11.2074, 94.9502

■ 89.4680, -12.5557,
107.4606

■ 117.9980, -9.8590,
82.4398

■ 75.0890, -14.3409,
120.0709

■ 132.3770, -8.0739,
69.8294

■ 67.6060, -15.0888,
126.6335

■ 147.2290, -7.0149,
56.8042

■ 161.6080, -5.2297,
44.1938

■ 175.8730, -3.8814,
31.6834

■ 190.2520, -2.0962,
19.0730

■ 204.5170, -0.7479,
6.5626

■ 219.4830, 0.7479,
-6.5626

■ 233.7480, 2.0962,
-19.0730

Harmonies

Analogous

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



107.1380, 14.7220, 84.9480



103.7330, -11.2074, 94.9502



107.7450, -39.8073, 74.7686

Triad

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



103.7330, -11.2074, 94.9502



86.4210, -25.8436, -64.3902



100.3130, 61.9637, -87.9745

Complementary

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



103.7330, -11.2074, 94.9502



161.2670, 11.2074, -94.9502

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.



103.2190, 47.7130, -90.5231



103.7330, -11.2074, 94.9502



92.1950, 0.3969, -80.8550

Square

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



103.7330, -11.2074, 94.9502



103.2970, -50.9254, 0.6165



99.3940, 25.4418, -87.1685



107.8290, 56.2863, -40.1920

Rectangle

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



103.7330, -11.2074, 94.9502



108.0570, -53.2721, 53.4470



99.3940, 25.4418, -87.1685



102.6780, 58.3327, -90.0486

Sweetspot

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



103.7330, -11.2074, 94.9502



214.8950, -3.8922, 35.1721



109.9960, 50.2880, 64.0245



103.4480, -2.6859, 21.5321



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.



103.7330, -11.2074, 94.9502



98.4440, -15.9949, 137.2996



129.8910, -37.9073, 72.0096



99.5170, -0.7479, 6.5626



54.5490, -12.1027, 102.1275



13.7690, -2.8441, 25.6356

Inverse Universe

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



103.7330, -11.2074, 94.9502



98.4440, -15.9949, 137.2996



135.1090, 37.9073, -72.0096



99.5170, -0.7479, 6.5626



54.5490, -12.1027, 102.1275



13.7690, -2.8441, 25.6356

Previews

White Background



This preview shows how the YUV color 103.7330, -11.2074, 94.9502 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



This preview shows how the YUV color 103.7330, -11.2074, 94.9502 looks on a 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 103.7330, -11.2074, 94.9502

Background



This preview shows how black text looks on a background with the YUV color 103.7330, -11.2074, 94.9502.



This preview shows how white text looks on a background with the YUV color 103.7330, -11.2074,

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

103.7330, -11.2074, 94.9502

Protanopia

115.6970, -3.7946, 3.7737

Deuteranopia

115.3390, -20.8731, 21.6277



Tritanopia

103.3880, -21.3903, 94.3757

Trichromacy



Original Color

103.7330, -11.2074, 94.9502

Protanomaly

110.9230, -6.3710, 36.9015

Deuteranomaly

111.1280, -17.3181, 48.1227

Tritanomaly

103.7130, -17.6065, 94.0907

Monochromacy



Original Color

103.7330, -11.2074, 94.9502

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.5960, -3.7448, 34.5573

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7330, -11.2074, 94.9502 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(212, 53, 81)` looks like.

```
.text, #text, p{  
    color:rgb(212, 53, 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(212, 53, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 53, 81) }
```

Border

The CSS property to change the border of an element to YUV 103.7330, -11.2074, 94.9502 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(212, 53, 81) }
```


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

```
.border{ border-color:rgb(212, 53, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 53, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 53, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 53, 81);  
box-shadow:4px 4px 4px 4px rgb(212, 53,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 103.7330, -11.2074, 94.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 53, 81) }
```

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

```
.background{ background-color: rgb(212, 53,  
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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