

Converting Colors

YUV(102.9720, -13.7902,
83.3396)

Have a look what the booklet for
YUV(102.9720, -13.7902, 83.3396)
contains.

YUV(102.9720, -13.7902, 83.3396)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(102.9720, -13.7902,
83.3396)**

Conversions

Conversions Part 1

Format	Color
Hex	C63C4B
RGB	198, 60, 75
RGB Percent	78%, 24%, 29%
CMY	0.2235, 0.7647, 0.7059
CMYK	0.00, 0.70, 0.62, 0.22
HSL	353°, 55%, 51%
HSV	353°, 70%, 78%
XYZ	26.1746, 15.7455, 8.3162
YIQ	102.9720, 77.4330, 33.9210

Conversions

Conversions Part 2

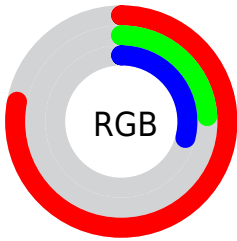
Format	Color
R_{YB}	198, 60, 75
Decimal	12991563
CIE _{Lab}	46.64, 55.30, 23.14
CIE _{LCh}	47, 59.951, 22.706
Yxy	15.7455, 0.5210, 0.3134
Android (android.graphics.Color)	4291181643 (0xFFC63C4B)
YUV	102.9720, -13.7902, 83.3396
Hunter-Lab	39.6806, 48.3032, 15.3504

Details

The YUV color **102.9720, -13.7902, 83.3396** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **155.0280, 13.7902, -83.3396**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4730, -16.9952, 84.6542**, and **44.4970, -6.6540, 81.1251** is the 20% darker color. If you saturate the color by 10%, you get **89.1800, -15.8647, 95.4351**, and if you desaturate by 10%, it is **116.7640, -11.7157, 71.2440**.

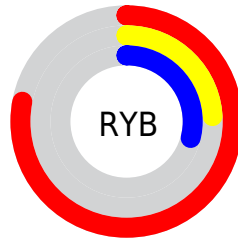
Distribution



Red (78%)

Green (24%)

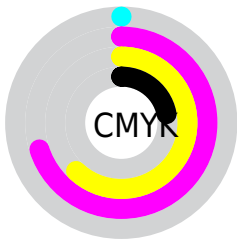
Blue (29%)



Red (78%)

Yellow (24%)

Blue (29%)

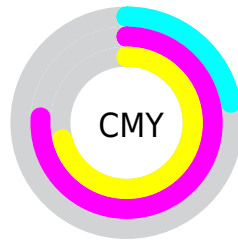


Cyan (0%)

Magenta (70%)

Yellow (62%)

Black (22%)



Cyan (22%)

Magenta (76%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.9720, -13.7902, 83.3396 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 102.9720, -13.7902, 83.3396 by changing the saturation by 10% instead.

■ 102.9720,
-13.7902, 83.3396

■ 102.9720,
-13.7902, 83.3396

255.0000, 0.0000,
0.0000

■ 72.5960, -10.1538,
83.6693

■ 158.4730,
-16.9952, 84.6542

■ 44.4970, -6.6540,
81.1251

■ 177.7590,
-14.1782, 67.7404

■ 33.3180, -11.9888,
65.4961

■ 197.2730,
-10.4876, 50.6266

■ 23.3220, -11.4977,
47.9526

■ 216.7870, -6.7970,
33.5128

■ 15.4770, -6.6442,
31.1537

■ 237.7030, -2.8116,
15.1695

■ 0.0000, 0.0000,
0.0000

■ 102.9720,
-13.7902, 83.3396

■ 102.9720,
-13.7902, 83.3396

■ 89.1800, -15.8647,
95.4351

■ 116.7640,
-11.7157, 71.2440

■ 75.5020, -17.5025,
107.4307

■ 130.4420,
-10.0779, 59.2484

■ 62.2970, -19.8664,
119.0115

■ 143.6470, -7.7140,
47.6676

■ 61.7100, -19.5770,
119.5263

■ 157.4390, -5.6394,
35.5720

■ 171.1170, -4.0017,
23.5764

■ 184.9090, -1.9271,
11.4808

■ 198.7010, 0.1474,
-0.6148

■ 211.7920, 2.0745,

-12.0956

■ 225.5840, 4.1491,
-24.1912

Harmonies

Analogous

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



105.4160, 9.6549, 76.8112



102.9720, -13.7902, 83.3396



104.8470, -37.8856, 65.0322

Triad

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



102.9720, -13.7902, 83.3396



83.7400, -19.5918, -62.9160



94.4940, 57.4375, -82.8712

Complementary

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



102.9720, -13.7902, 83.3396



155.0280, 13.7902, -83.3396

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.



97.9700, 45.3708, -85.9197



102.9720, -13.7902, 83.3396



88.4280, 3.7330, -77.5514

Square

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



102.9720, -13.7902, 83.3396



98.8560, -48.7360, -1.6277



94.9430, 26.1571, -83.2650



107.9360, 47.3596, -23.6229

Rectangle

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



102.9720, -13.7902, 83.3396



103.8820, -51.2138, 46.5845



94.9430, 26.1571, -83.2650



96.3860, 54.5327, -84.5305

Sweetspot

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



102.9720, -13.7902, 83.3396



217.8300, -5.3392, 32.5981



112.2100, 42.2945, 61.2058



105.9100, -3.4066, 19.3729



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.



102.9720, -13.7902, 83.3396



107.6080, -21.4987, 129.2628



132.3730, -35.6799, 57.5549



92.8050, -0.8899, 5.4330



50.7890, -16.1650, 98.4090



11.2200, -3.5595, 21.7321

Inverse Universe

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



102.9720, -13.7902, 83.3396



107.6080, -21.4987, 129.2628



125.6270, 35.6799, -57.5549



92.8050, -0.8899, 5.4330



50.7890, -16.1650, 98.4090



11.2200, -3.5595, 21.7321

Previews

White Background



This preview shows how the YUV color 102.9720, -13.7902, 83.3396 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 102.9720, -13.7902, 83.3396 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 102.9720, -13.7902, 83.3396

Background



This preview shows how black text looks on a background with the YUV color 102.9720, -13.7902, 83.3396.

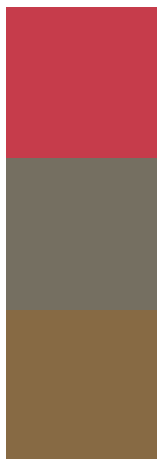


This preview shows how white text looks on a background with the YUV color 102.9720, -13.7902,

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

102.9720, -13.7902, 83.3396

Protanopia

111.1980, -6.9996, 5.0884

Deuteranopia

110.3390, -20.8731, 21.6277



Tritanopia

103.0060, -18.7370, 83.3097

Trichromacy



Original Color

102.9720, -13.7902, 83.3396

Protanomaly

107.8040, -9.2704, 33.4979

Deuteranomaly

107.5790, -18.0334, 44.2192

Tritanomaly

102.8750, -16.7004, 83.4246

Monochromacy



Original Color

102.9720, -13.7902, 83.3396

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9330, -4.8970, 30.7538

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.9720, -13.7902, 83.3396 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(198, 60, 75)` looks like.

```
.text, #text, p{  
    color:rgb(198, 60, 75)  
}
```

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(198, 60, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 60, 75) }
```

Border

The CSS property to change the border of an element to YUV 102.9720, -13.7902, 83.3396 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(198, 60, 75) }
```


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

```
.border{ border-color:rgb(198, 60, 75) }
```

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

Here you see how a box with a 4 pixel rgb(198, 60, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 60, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 60, 75);  
box-shadow:4px 4px 4px 4px rgb(198, 60,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 102.9720, -13.7902, 83.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 60, 75) }
```

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

```
.background{ background-color: rgb(198, 60,  
75) }
```

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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