

Converting Colors

YUV(103.7900, -21.0955,
93.1462)

Have a look what the booklet for
YUV(103.7900, -21.0955, 93.1462)
contains.

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Color

**YUV(103.7900, -21.0955,
93.1462)**

Conversions

Conversions Part 1

Format	Color
Hex	D23A3D
RGB	210, 58, 61
RGB Percent	82%, 23%, 24%
CMY	0.1765, 0.7725, 0.7608
CMYK	0.00, 0.72, 0.71, 0.18
HSL	359°, 63%, 53%
HSV	359°, 72%, 82%
XYZ	28.9337, 17.0647, 6.1837
YIQ	103.7900, 89.6290, 33.1570

Conversions

Conversions Part 2

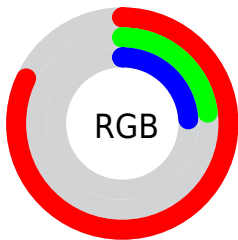
Format	Color
RYB	210, 58, 61
Decimal	13777469
CIELab	48.34, 59.02, 34.06
CIELCh	48, 68.138, 29.988
Yxy	17.0647, 0.5545, 0.3270
Android (android.graphics.Color)	4291967549 (0xFFD23A3D)
YUV	103.7900, -21.0955, 93.1462
Hunter-Lab	41.3094, 52.7325, 20.0413

Details

The YUV color **103.7900, -21.0955, 93.1462** 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 **164.2100, 21.0955, -93.1462**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1760, -23.2578, 86.6686**, and **46.3040, -13.9539, 89.1874** is the 20% darker color. If you saturate the color by 10%, you get **89.0690, -24.1910, 106.0565**, and if you desaturate by 10%, it is **118.5110, -17.9999, 80.2359**.

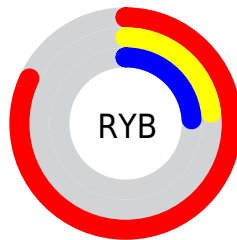
Distribution



Red (82%)

Green (23%)

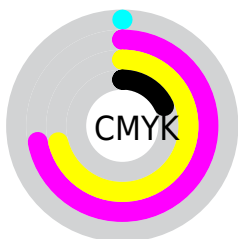
Blue (24%)



Red (82%)

Yellow (23%)

Blue (24%)

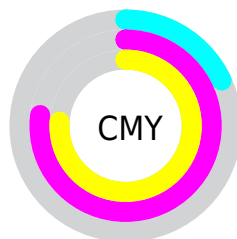


Cyan (0%)

Magenta (72%)

Yellow (71%)

Black (18%)



Cyan (18%)


Magenta (77%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.7900, -21.0955, 93.1462 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 103.7900, -21.0955, 93.1462 by changing the saturation by 10% instead.


 103.7900,
-21.0955, 93.1462

 103.7900,
-21.0955, 93.1462


255.0000, 0.0000,
0.0000

 70.8810, -15.7173,
94.8204


 156.1760,
-23.2578, 86.6686


 46.3040, -13.9539,
89.1874


 176.0490,
-20.7302, 69.2400


 34.9830, -17.2466,
71.9289


 195.4490,
-17.4764, 52.2262

 26.0130, -12.8244,
53.4856

 215.5500,
-14.0751, 34.5977

 17.8690, -7.8234,
36.0719

 235.7650,
-10.2371, 16.8691

 5.9800, -2.9481,
12.2955

 253.7460, -4.8048,

 0.0000, 0.0000,

1.0998

0.0000

■ 103.7900,
-21.0955, 93.1462

■ 103.7900,
-21.0955, 93.1462

■ 89.0690, -24.1910,
106.0565

■ 118.5110,
-17.9999, 80.2359

■ 74.4620, -26.8498,
118.8668

■ 133.1180,
-15.3412, 67.4255

■ 63.2460, -29.2083,
128.7033

■ 147.8390,
-12.2456, 54.5152

■ 162.4460, -9.5869,
41.7049

■ 177.1670, -6.4913,
28.7945

■ 191.8880, -3.3958,
15.8842

■ 206.4950, -0.7370,
3.0739

■ 221.2160, 2.3585,
-9.8364

■ 235.8230, 5.0173,
-22.6468

Harmonies

Analogous

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



101.9670, 7.4113, 96.4989



103.7900, -21.0955, 93.1462



106.3730, -52.4419, 67.2019

Triad

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



103.7900, -21.0955, 93.1462



85.7600, -16.6437, -75.2115



97.9480, 65.5946, -85.9004

Complementary

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



103.7900, -21.0955, 93.1462



164.2100, 21.0955, -93.1462

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.



103.7550, 54.8438, -90.9931



103.7900, -21.0955, 93.1462



95.0620, 8.8434, -83.3694

Square

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



103.7900, -21.0955, 93.1462



99.3550, -48.9820, -16.0973



101.6740, 34.1777, -89.1681



115.0290, 49.7787, -6.1644

Rectangle

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



103.7900, -21.0955, 93.1462



107.9800, -53.2341, 41.2365



101.6740, 34.1777, -89.1681



101.2420, 62.9847, -88.7892

Sweetspot

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



103.7900, -21.0955, 93.1462



215.8580, -7.8180, 34.3275



119.2810, 44.7245, 75.1756



104.2800, -4.5750, 20.8024



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.



103.7900, -21.0955, 93.1462



99.9480, -30.5404, 135.9806



145.1250, -42.9526, 56.8954



97.2890, -1.6215, 6.7625



50.5740, -23.4540, 102.9826



12.3730, -5.6069, 25.1059

Inverse Universe

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



103.7900, -21.0955, 93.1462



99.9480, -30.5404, 135.9806



122.8750, 42.9526, -56.8954



97.2890, -1.6215, 6.7625



50.5740, -23.4540, 102.9826



12.3730, -5.6069, 25.1059

Previews

White Background



This preview shows how the YUV color 103.7900, -21.0955, 93.1462 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 103.7900, -21.0955, 93.1462 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 103.7900, -21.0955, 93.1462

Background



This preview shows how black text looks on a background with the YUV color 103.7900, -21.0955, 93.1462.



This preview shows how white text looks on a background with the YUV color 103.7900, -21.0955,

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

103.7900, -21.0955, 93.1462

Protanopia

114.1140, -16.3252, 9.5470

Deuteranopia

113.2550, -30.1987, 26.0864



Tritanopia

103.6760, -21.5323, 93.2461

Trichromacy



Original Color

103.7900, -21.0955, 93.1462

Protanomaly

110.2580, -17.8752, 40.1157

Deuteranomaly

109.6200, -26.9277, 50.3223

Tritanomaly

103.6760, -21.5323, 93.2461

Monochromacy



Original Color

103.7900, -21.0955, 93.1462

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8580, -7.8180, 34.3275

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7900, -21.0955, 93.1462 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(210, 58, 61)` looks like.

```
.text, #text, p{  
    color:rgb(210, 58, 61)  
}
```

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(210, 58, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 58, 61) }
```

Border

The CSS property to change the border of an element to YUV 103.7900, -21.0955, 93.1462 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(210, 58, 61) }
```


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

```
.border{ border-color:rgb(210, 58, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 58, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 58, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 58, 61);  
box-shadow:4px 4px 4px 4px rgb(210, 58,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 103.7900, -21.0955, 93.1462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 58, 61) }
```

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

```
.background{ background-color: rgb(210, 58,  
61) }
```

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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