

Converting Colors

YUV(101.3910, -15.9688,
82.0951)

Have a look what the booklet for
YUV(101.3910, -15.9688, 82.0951)
contains.

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Color

**YUV(101.3910, -15.9688,
82.0951)**

Conversions

Conversions Part 1

Format	Color
Hex	C33C45
RGB	195, 60, 69
RGB Percent	76%, 24%, 27%
CMY	0.2353, 0.7647, 0.7294
CMYK	0.00, 0.69, 0.65, 0.24
HSL	356°, 53%, 50%
HSV	356°, 69%, 76%
XYZ	25.1957, 15.2635, 7.2484
YIQ	101.3910, 77.5710, 31.4190

Conversions

Conversions Part 2

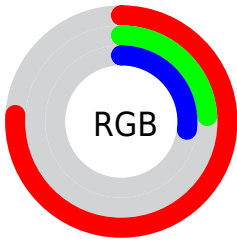
Format	Color
R_{YB}	195, 60, 69
Decimal	12794949
CIE Lab	45.99, 53.98, 25.83
CIE LCh	46, 59.842, 25.569
Yxy	15.2635, 0.5281, 0.3199
Android (android.graphics.Color)	4290985029 (0xFFC33C45)
YUV	101.3910, -15.9688, 82.0951
Hunter-Lab	39.0685, 46.7467, 16.3478

Details

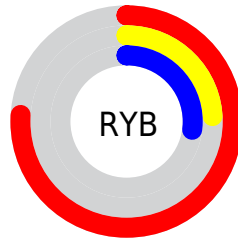
The YUV color **101.3910, -15.9688, 82.0951** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **153.6090, 15.9688, -82.0951**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0880, -19.7634, 85.8688**, and **43.0300, -8.3958, 79.7807** is the 20% darker color. If you saturate the color by 10%, you get **88.1860, -18.3327, 93.6759**, and if you desaturate by 10%, it is **115.1830, -13.8942, 69.9995**.

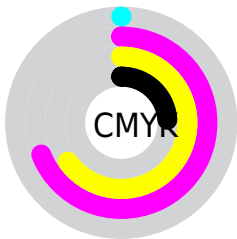
Distribution



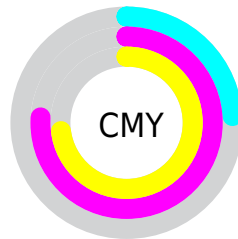
- Red (76%)
- Green (24%)
- Blue (27%)



- Red (76%)
- Yellow (24%)
- Blue (27%)



- Cyan (0%)
- Magenta (69%)
- Yellow (65%)
- Black (24%)



- Cyan (24%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.3910, -15.9688, 82.0951 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 101.3910, -15.9688, 82.0951 by changing the saturation by 10% instead.

■ 101.3910,
-15.9688, 82.0951

■ 101.3910,
-15.9688, 82.0951

255.0000, 0.0000,
0.0000

■ 71.1290, -11.8956,
82.3249

■ 157.0880,
-19.7634, 85.8688

■ 43.0300, -8.3958,
79.7807

■ 176.4880,
-16.5096, 68.8550

■ 31.3950, -15.4777,
64.5516

■ 195.8880,
-13.2558, 51.8412

■ 22.4250, -11.0555,
46.1083

■ 215.9890, -9.8546,
34.2126

■ 14.5800, -6.2019,
29.3093

■ 236.2040, -6.0166,
16.4841

■ 0.0000, 0.0000,
0.0000

254.7720, -0.8736,

0.2000

■ 101.3910,
-15.9688, 82.0951

■ 101.3910,
-15.9688, 82.0951

■ 88.1860, -18.3327,
93.6759

■ 115.1830,
-13.8942, 69.9995

■ 74.3940, -20.4072,
105.7715

■ 128.3880,
-11.5303, 58.4187

■ 61.0750, -23.2080,
117.4522

■ 142.2940, -9.0189,
46.2232

■ 59.7870, -23.0660,
118.5818

■ 155.4990, -6.6550,
34.6424

■ 169.2910, -4.5805,
22.5468

■ 182.4960, -2.2165,
10.9660

■ 196.2880, -0.1420,
-1.1296

■ 209.6070, 2.6587,
-12.8103

■ 223.3990, 4.7333,
-24.9059

Harmonies

Analogous

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



102.9710, 7.9023, 78.9554



101.3910, -15.9688, 82.0951



103.2550, -40.0587, 62.0434

Triad

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



101.3910, -15.9688, 82.0951



80.0210, -15.7864, -70.1784



92.6190, 57.8688, -81.2269

Complementary

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



101.3910, -15.9688, 82.0951



153.6090, 15.9688, -82.0951

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.



96.9100, 46.3864, -84.9901



101.3910, -15.9688, 82.0951



88.2970, 5.7696, -77.4365

Square

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



101.3910, -15.9688, 82.0951



96.7630, -47.7042, -5.9312



94.1110, 28.0463, -82.5353



107.8230, 45.4433, -15.6308

Rectangle

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



101.3910, -15.9688, 82.0951



102.6750, -50.6188, 42.3810



94.1110, 28.0463, -82.5353



95.0980, 54.6747, -83.4009

Sweetspot

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



101.3910, -15.9688, 82.0951



215.3030, -6.0654, 32.1833



113.0640, 40.3944, 63.9649



105.7960, -3.8434, 19.4729



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.



101.3910, -15.9688, 82.0951



107.0870, -24.6929, 127.0887



134.9980, -36.9740, 52.6218



90.1040, -1.0373, 6.0478



49.3930, -18.9277, 97.8793



10.0950, -3.9908, 20.0877

Inverse Universe

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



101.3910, -15.9688, 82.0951



107.0870, -24.6929, 127.0887



120.5890, 36.6846, -53.1366



90.1040, -1.0373, 6.0478



49.3930, -18.9277, 97.8793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 101.3910, -15.9688, 82.0951 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 101.3910, -15.9688, 82.0951 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 101.3910, -15.9688, 82.0951 Background



This preview shows how black text looks on a background with the YUV color 101.3910, -15.9688, 82.0951.

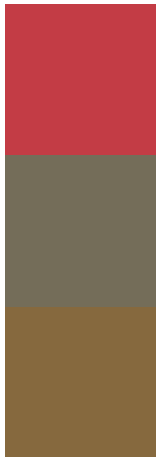


This preview shows how white text looks on a background with the YUV color 101.3910, -15.9688, 82.0951.

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

101.3910, -15.9688, 82.0951

Protanopia

108.8130, -9.7678, 6.3030

Deuteranopia

108.7690, -23.0571, 22.1276



Tritanopia

101.4080, -18.4421, 82.0802

Trichromacy



Original Color

101.3910, -15.9688, 82.0951

Protanomaly

106.1200, -11.8912, 34.0978

Deuteranomaly

106.2970, -20.3594, 43.5895

Tritanomaly

101.6360, -17.5685, 81.8802

Monochromacy



Original Color

101.3910, -15.9688, 82.0951

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9930, -5.9125, 29.8241

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.3910, -15.9688, 82.0951 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(195, 60, 69)` looks like.

```
.text, #text, p{  
    color:rgb(195, 60, 69)  
}
```

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(195, 60, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 60, 69) }
```

Border

The CSS property to change the border of an element to YUV 101.3910, -15.9688, 82.0951 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(195, 60, 69) }
```


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

```
.border{ border-color:rgb(195, 60, 69) }
```

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

Here you see how a box with a 4 pixel rgb(195, 60, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 60, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 60, 69);  
box-shadow:4px 4px 4px 4px rgb(195, 60,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 101.3910, -15.9688, 82.0951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 60, 69) }
```

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

```
.background{ background-color: rgb(195, 60,  
69) }
```

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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