

Converting Colors

YUV(103.1970, -38.5511,
91.9122)

Have a look what the booklet for
YUV(103.1970, -38.5511, 91.9122)
contains.

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Color

**YUV(103.1970, -38.5511,
91.9122)**

Conversions

Conversions Part 1

Format	Color
Hex	D04119
RGB	208, 65, 25
RGB Percent	82%, 25%, 10%
CMY	0.1843, 0.7451, 0.9020
CMYK	0.00, 0.69, 0.88, 0.18
HSL	13°, 79%, 46%
HSV	13°, 88%, 82%
XYZ	28.0782, 17.2607, 2.7715
YIQ	103.1970, 98.0680, 17.8760

Conversions

Conversions Part 2

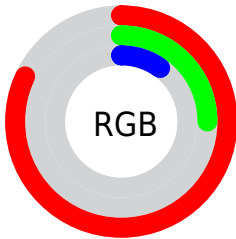
Format	Color
R_{YB}	208, 76, 25
Decimal	13648153
CIE _{Lab}	48.59, 54.61, 52.52
CIE _{LCh}	49, 75.770, 43.885
Yxy	17.2607, 0.5836, 0.3588
Android (android.graphics.Color)	4291838233 (0xFFD04119)
YUV	103.1970, -38.5511, 91.9122
Hunter-Lab	41.5460, 47.9310, 25.1270

Details

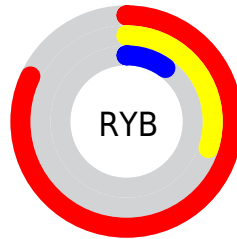
The YUV color **103.1970, -38.5511, 91.9122** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **129.8030, 38.5511, -91.9122**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.1210, -39.9927, 87.5939**, and **43.3550, -21.3740, 89.1427** is the 20% darker color. If you saturate the color by 10%, you get **91.4110, -43.0936, 102.2486**, and if you desaturate by 10%, it is **114.9830, -34.0086, 81.5759**.

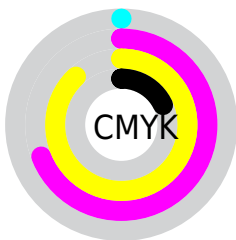
Distribution



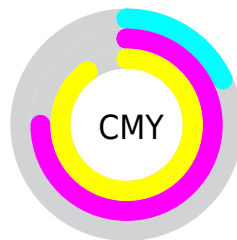
- Red (82%)
- Green (25%)
- Blue (10%)



- Red (82%)
- Yellow (30%)
- Blue (10%)



- Cyan (0%)
- Magenta (69%)
- Yellow (88%)
- Black (18%)



- Cyan (18%)
- Magenta (75%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1970, -38.5511, 91.9122 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 103.1970, -38.5511, 91.9122 by changing the saturation by 10% instead.

■ 103.1970,
-38.5511, 91.9122

■ 103.1970,
-38.5511, 91.9122

■ 255.0000, 0.0000,
0.0000

■ 72.5820, -35.7829,
90.6976

■ 155.1210,
-39.9927, 87.5939

■ 43.3550, -21.3740,
89.1427

■ 174.4070,
-37.1757, 70.6801

■ 34.0860, -16.8044,
70.0846

■ 193.8070,
-33.9219, 53.6663

■ 24.8170, -12.2348,
51.0265

■ 213.9080,
-30.5206, 36.0377

■ 16.9720, -7.3812,
34.2276

■ 234.0090,
-27.1194, 18.4091

■ 4.1860, -2.0637,
8.6069

■ 249.5280,

■ 0.0000, 0.0000,

-20.9663, 4.7989

0.0000

252.7200, -8.7360,
1.9996

103.1970,
-38.5511, 91.9122

103.1970,
-38.5511, 91.9122

91.4110, -43.0936,
102.2486

114.9830,
-34.0086, 81.5759

88.6070, -43.6833,
104.7077

127.3560,
-29.7555, 70.7248

139.0280,
-25.6498, 60.4884

150.8140,
-21.1073, 50.1521

162.6000,
-16.5648, 39.8158

■ 174.9730,
-12.3117, 28.9647

■ 186.7590, -7.7692,
18.6284

■ 198.4310, -3.6635,
8.3920

■ 210.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



89.1610, -0.0794, 119.1308



103.1970, -38.5511, 91.9122



108.9320, -53.7035, 51.8026

Triad

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



103.1970, -38.5511, 91.9122



90.9580, -6.8813, -79.7702



94.5060, 72.7145, -82.8818

Complementary

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



103.1970, -38.5511, 91.9122



129.8030, 38.5511, -91.9122

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.



105.4310, 66.3425, -92.4630



103.1970, -38.5511, 91.9122



100.4710, 21.9528, -88.1131

Square

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



103.1970, -38.5511, 91.9122



84.0400, -41.4317, -57.9171



106.0230, 48.3027, -92.9822



117.1200, 45.2968, 31.4668

Rectangle

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



103.1970, -38.5511, 91.9122



107.8590, -53.1745, 22.0487



106.0230, 48.3027, -92.9822



98.9570, 71.9992, -86.7853

Sweetspot

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



103.1970, -38.5511, 91.9122



216.9520, -13.7803, 33.3681



96.0190, 35.4866, 98.2073



105.2430, -8.5008, 19.9579



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.



103.1970, -38.5511, 91.9122



109.1170, -53.7947, 127.9394



156.6140, -64.8857, 45.0655



98.4630, -2.2003, 5.7329



71.9510, -35.4718, 84.2350



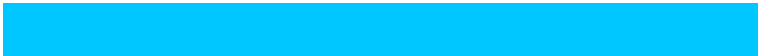
17.5420, -8.6482, 20.5727

Inverse Universe

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



129.8030, 38.5511, -91.9122



145.8830, 53.7947, -127.9394



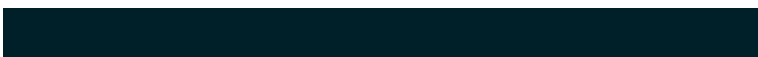
76.3860, 64.8857, -45.0655



99.9500, 2.4897, -5.2181



96.6360, 35.1825, -84.7498



23.4580, 8.6482, -20.5727

Previews

White Background



This preview shows how the YUV color 103.1970, -38.5511, 91.9122 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 103.1970, -38.5511, 91.9122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

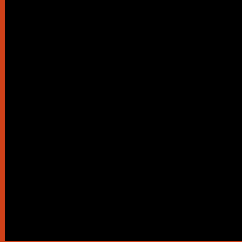
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.1970, -38.5511, 91.9122

Background



This preview shows how black text looks on a background with the YUV color 103.1970, -38.5511, 91.9122.



This preview shows how white text looks on a background with the YUV color 103.1970, -38.5511, 91.9122.

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

103.1970, -38.5511, 91.9122

Protanopia

111.2940, -36.1339, 16.4052

Tritanopia

105.5940, -20.5058, 90.6871

Trichromacy



Original Color

103.1970, -38.5511, 91.9122

Protanomaly

107.9430, -36.9469, 43.9000

Tritanomaly

104.5850, -26.9104, 91.5720

Monochromacy



Original Color

103.1970, -38.5511, 91.9122

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9520, -13.7803, 33.3681

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1970, -38.5511, 91.9122 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(208, 65, 25)` looks like.

```
.text, #text, p{  
    color:rgb(208, 65, 25)  
}
```

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(208, 65, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 65, 25) }
```

Border

The CSS property to change the border of an element to YUV 103.1970, -38.5511, 91.9122 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(208, 65, 25) }
```

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

```
.border{ border-color:rgb(208, 65, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 65, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 65, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 65, 25);  
box-shadow:4px 4px 4px 4px rgb(208, 65,  
25) }
```


Background

The CSS property to change the background color of an element to YUV 103.1970, -38.5511, 91.9122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 65, 25) }
```

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

```
.background{ background-color: rgb(208, 65,  
25) }
```

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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