

Converting Colors

YUV(91.1370, -20.7735,
83.1949)

Have a look what the booklet for
YUV(91.1370, -20.7735, 83.1949)
contains.

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Color

**YUV(91.1370, -20.7735,
83.1949)**

Conversions

Conversions Part 1

Format	Color
Hex	BA3331
RGB	186, 51, 49
RGB Percent	73%, 20%, 19%
CMY	0.2706, 0.8000, 0.8078
CMYK	0.00, 0.73, 0.74, 0.27
HSL	1°, 58%, 46%
HSV	1°, 74%, 73%
XYZ	21.9879, 13.0285, 4.2616
YIQ	91.1370, 81.1020, 27.9980

Conversions

Conversions Part 2

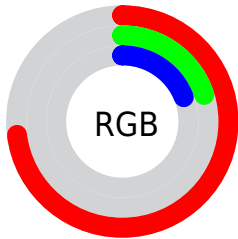
Format	Color
R_{YB}	186, 51, 49
Decimal	12202801
CIE _{Lab}	42.81, 53.46, 33.49
CIE _{LCh}	43, 63.084, 32.059
Yxy	13.0285, 0.5598, 0.3317
Android (android.graphics.Color)	4290392881 (0xFFBA3331)
YUV	91.1370, -20.7735, 83.1949
Hunter-Lab	36.0950, 45.5701, 18.2664

Details

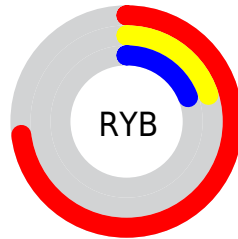
The YUV color **91.1370, -20.7735, 83.1949** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **143.8630, 20.7735, -83.1949**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9050, -25.5892, 87.7833**, and **37.8310, -16.6787, 76.4472** is the 20% darker color. If you saturate the color by 10%, you get **78.4050, -23.8637, 94.3608**, and if you desaturate by 10%, it is **103.8690, -17.6834, 72.0289**.

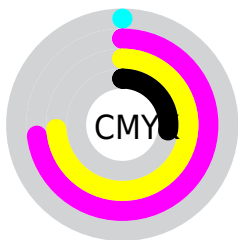
Distribution



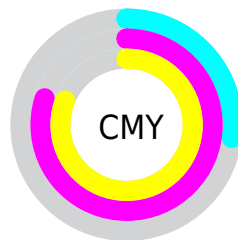
- Red (73%)
- Green (20%)
- Blue (19%)



- Red (73%)
- Yellow (20%)
- Blue (19%)



- Cyan (0%)
- Magenta (73%)
- Yellow (74%)
- Black (27%)



- Cyan (27%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.1370, -20.7735, 83.1949 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 91.1370, -20.7735, 83.1949 by changing the saturation by 10% instead.

■ 91.1370, -20.7735,
83.1949

■ 91.1370, -20.7735,
83.1949

255.0000, 0.0000,
0.0000

■ 58.9290, -15.2480,
84.2543

■ 147.9050,
-25.5892, 87.7833

■ 37.8310, -16.6787,
76.4472

■ 168.6970,
-23.5146, 75.6877

■ 28.4050, -14.0037,
58.4038

■ 187.9830,
-20.6976, 58.7739

■ 19.8480, -9.2921,
40.4753

■ 208.0840,
-17.2964, 41.1453

■ 10.8780, -4.8699,
22.0320

■ 227.7120,
-13.1690, 23.9316

■ 0.0000, 0.0000,
0.0000

■ 248.5140, -9.6204,

5.6882

■ 91.1370, -20.7735,
83.1949

■ 91.1370, -20.7735,
83.1949

■ 78.4050, -23.8637,
94.3608

■ 103.8690,
-17.6834, 72.0289

■ 65.2000, -26.2276,
105.9416

■ 117.0740,
-15.3195, 60.4481

■ 57.3750, -28.2859,
112.8041

■ 129.8060,
-12.2294, 49.2821

■ 142.4240, -9.5760,
38.2162

■ 155.7430, -6.7753,
26.5354

■ 168.4750, -3.6852,
15.3694

■ 181.0930, -1.0318,
4.3034

■ 194.4120, 1.7689,
-7.3773

■ 207.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



88.1680, 5.8332, 89.3067



91.1370, -20.7735, 83.1949



94.2130, -46.4470, 57.6952

Triad

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



91.1370, -20.7735, 83.1949



76.4990, -14.0500, -67.0896



86.2930, 59.0156, -75.6790

Complementary

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



91.1370, -20.7735, 83.1949



143.8630, 20.7735, -83.1949

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.



91.8550, 49.8645, -80.5568



91.1370, -20.7735, 83.1949



83.9430, 9.3951, -73.6180

Square

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



91.1370, -20.7735, 83.1949



86.0650, -42.4300, -17.5970



89.8710, 32.1086, -78.8169



101.7540, 43.5053, -0.6613

Rectangle

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



91.1370, -20.7735, 83.1949



95.2440, -46.9553, 33.9890



89.8710, 32.1086, -78.8169



89.1140, 57.1318, -78.1530

Sweetspot

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



91.1370, -20.7735, 83.1949



205.4340, -8.1020, 32.0684



105.5810, 39.6466, 70.5275



100.2690, -4.5696, 19.0581



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1370, -20.7735, 83.1949



94.4480, -32.2659, 129.4031



130.4660, -40.1627, 48.7033



85.6910, -1.3267, 5.5330



47.8180, -23.5743, 94.8756



8.3720, -4.1274, 17.2138

Inverse Universe

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



143.8630, 20.7735, -83.1949



176.5520, 32.2659, -129.4031



105.1210, 39.8733, -49.2181



89.3090, 1.3267, -5.5330



107.5950, 23.8637, -94.3608



19.6280, 4.1274, -17.2138

Previews

White Background



This preview shows how the YUV color 91.1370, -20.7735, 83.1949 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 91.1370, -20.7735, 83.1949 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 91.1370, -20.7735, 83.1949

Background



This preview shows how black text looks on a background with the YUV color 91.1370, -20.7735, 83.1949.



This preview shows how white text looks on a background with the YUV color 91.1370, -20.7735,

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

91.1370, -20.7735, 83.1949

Protanopia

100.5870, -17.0514, 9.1322

Deuteranopia

99.4720, -29.3197, 24.1421



Tritanopia

90.8920, -19.1738, 83.4097

Trichromacy



Original Color

91.1370, -20.7735, 83.1949

Protanomaly

96.8230, -18.1537, 36.1122

Deuteranomaly

96.1140, -26.1852, 45.5040

Tritanomaly

90.7780, -19.6106, 83.5097

Monochromacy



Original Color

91.1370, -20.7735, 83.1949

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.9500, -7.3704, 30.7388

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.1370, -20.7735, 83.1949 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(186, 51, 49)` looks like.

```
.text, #text, p{  
    color:rgb(186, 51, 49)  
}
```

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(186, 51, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 51, 49) }
```

Border

The CSS property to change the border of an element to YUV 91.1370, -20.7735, 83.1949 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(186, 51, 49) }
```


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

```
.border{ border-color:rgb(186, 51, 49) }
```

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

Here you see how a box with a 4 pixel rgb(186, 51, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 51, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 51, 49);  
box-shadow:4px 4px 4px 4px rgb(186, 51,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 91.1370, -20.7735, 83.1949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 51, 49) }
```

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

```
.background{ background-color: rgb(186, 51,  
49) }
```

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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