

Converting Colors

YUV(101.7330, -34.8714,
78.2872)

Have a look what the booklet for
YUV(101.7330, -34.8714, 78.2872)
contains.

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Color

**YUV(101.7330, -34.8714,
78.2872)**

Conversions

Conversions Part 1

Format	Color
Hex	BF461F
RGB	191, 70, 31
RGB Percent	75%, 27%, 12%
CMY	0.2510, 0.7255, 0.8784
CMYK	0.00, 0.63, 0.84, 0.25
HSL	15°, 72%, 44%
HSV	15°, 84%, 75%
XYZ	23.9233, 15.5556, 3.0380
YIQ	101.7330, 84.6350, 13.5230

Conversions

Conversions Part 2

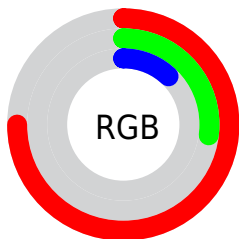
Format	Color
R_{YB}	191, 83, 31
Decimal	12535327
CIE _{Lab}	46.39, 46.79, 46.90
CIE _{LCh}	46, 66.248, 45.070
Yxy	15.5556, 0.5627, 0.3659
Android (android.graphics.Color)	4290725407 (0xFFBF461F)
YUV	101.7330, -34.8714, 78.2872
Hunter-Lab	39.4406, 39.2510, 23.0415

Details

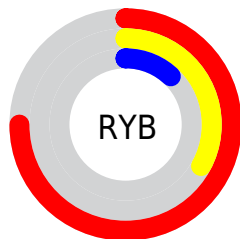
The YUV color **101.7330, -34.8714, 78.2872** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **120.2670, 34.8714, -78.2872**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1530, -38.5294, 84.9348**, and **43.5660, -21.4780, 75.8026** is the 20% darker color. If you saturate the color by 10%, you get **91.3490, -39.1191, 87.3939**, and if you desaturate by 10%, it is **112.1170, -30.6237, 69.1804**.

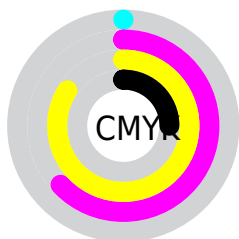
Distribution



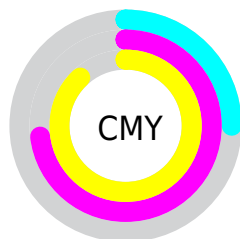
- Red (75%)
- Green (27%)
- Blue (12%)



- Red (75%)
- Yellow (33%)
- Blue (12%)



- Cyan (0%)
- Magenta (63%)
- Yellow (84%)
- Black (25%)



- Cyan (25%)
- Magenta (73%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.7330, -34.8714, 78.2872 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 101.7330, -34.8714, 78.2872 by changing the saturation by 10% instead.

101.7330,
-34.8714, 78.2872

101.7330,
-34.8714, 78.2872

255.0000, 0.0000,
0.0000

73.6510, -33.8449,
75.7281

157.1530,
-38.5294, 84.9348

43.5660, -21.4780,
75.8026

176.1510,
-35.5704, 69.1506

29.6010, -14.5933,
60.8629

195.5510,
-32.3166, 52.1368

20.9300, -10.3185,
43.0344

214.9510,
-29.0628, 35.1230

13.2700, -6.0491,
26.9502

235.1660,
-25.2248, 17.3944

0.0000, 0.0000,
0.0000

249.9840,

-19.2191, 4.3990

253.2900, -6.5520,
1.4997

101.7330,
-34.8714, 78.2872

101.7330,
-34.8714, 78.2872

91.3490, -39.1191,
87.3939

112.1170,
-30.6237, 69.1804

84.6980, -41.7561,
93.2269

123.0880,
-26.6654, 59.5588

133.4720,
-22.4177, 50.4521

144.4430,
-18.4594, 40.8305

154.9410,
-13.7749, 31.6237

■ 165.9120, -9.8166,
22.0022

■ 176.2960, -5.5689,
12.8954

■ 187.2670, -1.6106,
3.2738

■ 197.6510, 2.6371,
-5.8329

Harmonies

Analogous

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



96.5250, -5.6818, 96.0096



101.7330, -34.8714, 78.2872



103.5830, -51.0664, 45.9697

Triad

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



101.7330, -34.8714, 78.2872



86.4900, -3.6926, -75.8517



87.6610, 64.2571, -76.8787

Complementary

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



101.7330, -34.8714, 78.2872



120.2670, 34.8714, -78.2872

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.



97.6400, 59.3375, -85.6303



101.7330, -34.8714, 78.2872



94.2760, 21.0629, -82.6801

Square

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



101.7330, -34.8714, 78.2872



86.2400, -34.6283, -46.6915



98.9160, 43.9184, -86.7493



112.1600, 37.8821, 29.6777

Rectangle

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



101.7330, -34.8714, 78.2872



102.5320, -50.5483, 19.7044



98.9160, 43.9184, -86.7493



92.2260, 63.9786, -80.8822

Sweetspot

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



101.7330, -34.8714, 78.2872



213.0440, -13.3327, 29.7794



92.8620, 30.1410, 86.0670



104.2320, -8.4954, 18.2135



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



101.7330, -34.8714, 78.2872



109.0730, -53.7730, 120.9620



147.5190, -57.4439, 38.1328



88.8650, -1.9054, 4.5034



70.1350, -34.5766, 77.0576



13.3780, -6.5954, 15.4545

Inverse Universe

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



120.2670, 34.8714, -78.2872



137.9270, 53.7730, -120.9620



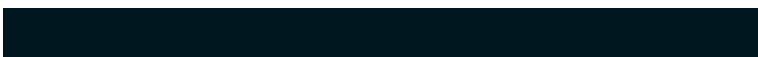
74.4810, 57.4439, -38.1328



90.1350, 1.9054, -4.5034



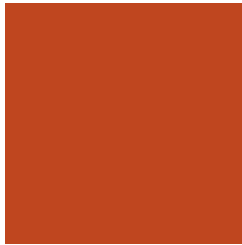
88.4520, 34.2872, -77.5724



17.0350, 6.8847, -14.9397

Previews

White Background



This preview shows how the YUV color 101.7330, -34.8714, 78.2872 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 101.7330, -34.8714, 78.2872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

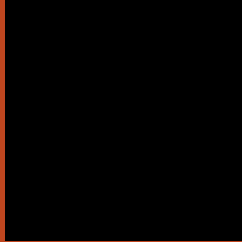
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.7330, -34.8714, 78.2872

Background



This preview shows how black text looks on a background with the YUV color 101.7330, -34.8714, 78.2872.



This preview shows how white text looks on a background with the YUV color 101.7330, -34.8714, 78.2872.

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

101.7330, -34.8714, 78.2872

Protanopia

106.7220, -31.9079, 14.2758

Deuteranopia

105.3190, -44.0343, 30.4152



Tritanopia

104.1300, -16.8261, 77.0620

Trichromacy



Original Color

101.7330, -34.8714, 78.2872

Protanomaly

104.9360, -32.9994, 37.7671

Deuteranomaly

103.9390, -40.8889, 48.2885

Tritanomaly

103.1210, -23.2307, 77.9469

Monochromacy



Original Color

101.7330, -34.8714, 78.2872

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.5600, -12.6011, 28.4499

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.7330, -34.8714, 78.2872 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(191, 70, 31)` looks like.

```
.text, #text, p{  
    color:rgb(191, 70, 31)  
}
```

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(191, 70, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 70, 31) }
```

Border

The CSS property to change the border of an element to YUV 101.7330, -34.8714, 78.2872 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(191, 70, 31) }
```


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

```
.border{ border-color:rgb(191, 70, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 70, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 70, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 70, 31);  
box-shadow:4px 4px 4px 4px rgb(191, 70,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 101.7330, -34.8714, 78.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 70, 31) }
```

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

```
.background{ background-color: rgb(191, 70,  
31) }
```

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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