

Converting Colors

YUV(101.2100, -31.6555,
73.4838)

Have a look what the booklet for
YUV(101.2100, -31.6555, 73.4838)
contains.

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Color

**YUV(101.2100, -31.6555,
73.4838)**

Conversions

Conversions Part 1

Format	Color
Hex	B94725
RGB	185, 71, 37
RGB Percent	73%, 28%, 15%
CMY	0.2745, 0.7216, 0.8549
CMYK	0.00, 0.62, 0.80, 0.27
HSL	14°, 67%, 44%
HSV	14°, 80%, 73%
XYZ	22.5948, 14.9543, 3.4459
YIQ	101.2100, 78.8580, 13.5940

Conversions

Conversions Part 2

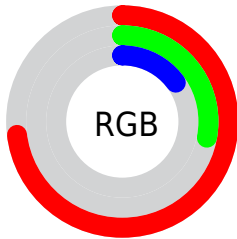
Format	Color
R_{YB}	185, 81, 37
Decimal	12142373
CIE _{Lab}	45.57, 44.34, 42.90
CIE _{LCh}	46, 61.695, 44.050
Yxy	14.9543, 0.5512, 0.3648
Android (android.graphics.Color)	4290332453 (0xFFB94725)
YUV	101.2100, -31.6555, 73.4838
Hunter-Lab	38.6708, 36.6207, 21.7864

Details

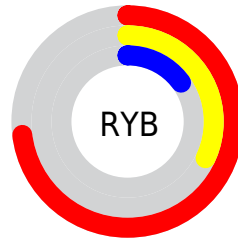
The YUV color **101.2100, -31.6555, 73.4838** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **120.7900, 31.6555, -73.4838**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2170, -35.6030, 79.6167**, and **45.0060, -22.1880, 70.1547** is the 20% darker color. If you saturate the color by 10%, you get **90.8260, -35.9032, 82.5906**, and if you desaturate by 10%, it is **111.5940, -27.4078, 64.3771**.

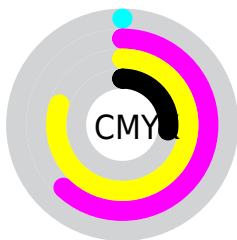
Distribution



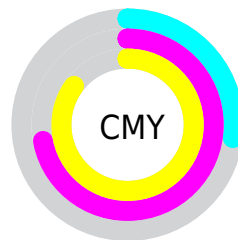
- Red (73%)
- Green (28%)
- Blue (15%)



- Red (73%)
- Yellow (32%)
- Blue (15%)



- Cyan (0%)
- Magenta (62%)
- Yellow (80%)
- Black (27%)



- Cyan (27%)
- Magenta (72%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.2100, -31.6555, 73.4838 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 101.2100, -31.6555, 73.4838 by changing the saturation by 10% instead.

■ 101.2100,
-31.6555, 73.4838

■ 101.2100,
-31.6555, 73.4838

■ 255.0000, 0.0000,
0.0000

■ 73.9430, -30.0449,
70.2100

■ 156.2170,
-35.6030, 79.6167

■ 45.0060, -22.1880,
70.1547

■ 177.3080,
-33.6758, 68.1359

■ 28.4050, -14.0037,
58.4038

■ 196.1210,
-30.1327, 51.6369

■ 19.7340, -9.7289,
40.5753

■ 215.6350,
-26.4421, 34.5231

■ 11.7750, -5.3121,
23.8763

■ 235.7360,
-23.0408, 16.8945

■ 0.0000, 0.0000,
0.0000

■ 250.6680,

-16.5983, 3.7992

253.9740, -3.9312,
0.8998

101.2100,
-31.6555, 73.4838

101.2100,
-31.6555, 73.4838

90.8260, -35.9032,
82.5906

111.5940,
-27.4078, 64.3771

80.5560, -39.7141,
91.5974

122.4510,
-23.8863, 54.8555

132.8350,
-19.6387, 45.7487

143.1050,
-15.8278, 36.7419

153.4890,
-11.5801, 27.6351

■ 164.3460, -8.0586,
18.1136

■ 174.7300, -3.8109,
9.0068

■ 185.0000, 0.0000,
0.0000

■ 195.3840, 4.2477,
-9.1068

Harmonies

Analogous

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



98.3560, -6.0915, 87.3878



101.2100, -31.6555, 73.4838



101.5120, -50.0454, 45.1550

Triad

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



101.2100, -31.6555, 73.4838



84.6150, -3.2612, -74.2074



88.7390, 59.2887, -69.9311

Complementary

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



101.2100, -31.6555, 73.4838



120.7900, 31.6555, -73.4838

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.



95.3260, 55.5483, -83.6009



101.2100, -31.6555, 73.4838



91.9450, 19.7471, -80.6358

Square

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



101.2100, -31.6555, 73.4838



88.4520, -32.7608, -38.9844



96.1290, 40.8554, -84.3051



110.8560, 35.5670, 25.5593

Rectangle

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



101.2100, -31.6555, 73.4838



100.4720, -49.5327, 20.6341



96.1290, 40.8554, -84.3051



89.9120, 60.1894, -78.8528

Sweetspot

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



101.2100, -31.6555, 73.4838



206.9730, -12.3117, 28.9647



94.4760, 28.8523, 79.3895



100.1610, -7.4744, 17.3988



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



101.2100, -31.6555, 73.4838



109.2940, -48.9519, 114.6292



143.4740, -52.4917, 36.4183



86.8650, -1.9054, 4.5034



67.7760, -33.4136, 77.3724



11.8940, -5.8637, 14.1250

Inverse Universe

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



120.7900, 31.6555, -73.4838



140.1190, 49.2413, -114.1144



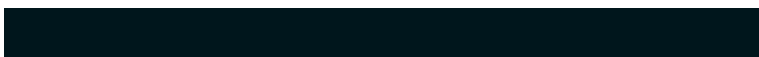
78.5260, 52.4917, -36.4183



88.1350, 1.9054, -4.5034



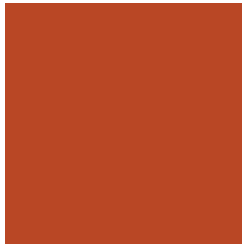
88.2240, 33.4136, -77.3724



16.1060, 5.8637, -14.1250

Previews

White Background



This preview shows how the YUV color 101.2100, -31.6555, 73.4838 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 101.2100, -31.6555, 73.4838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

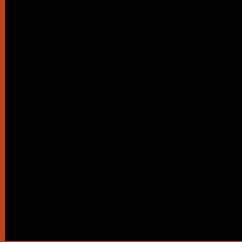
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.2100, -31.6555, 73.4838

Background



This preview shows how black text looks on a background with the YUV color 101.2100, -31.6555, 73.4838.



This preview shows how white text looks on a background with the YUV color 101.2100, -31.6555, 73.4838.

73.4838.

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

101.2100, -31.6555, 73.4838

Protanopia

105.5200, -28.8504, 13.5760

Deuteranopia

104.5020, -38.2085, 28.5007



Tritanopia

103.0370, -15.7942, 72.7586

Trichromacy



Original Color

101.2100, -31.6555, 73.4838

Protanomaly

103.7230, -29.9364, 35.3229

Deuteranomaly

102.9970, -35.4945, 44.7296

Tritanomaly

102.2560, -21.3252, 73.4435

Monochromacy



Original Color

101.2100, -31.6555, 73.4838

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1900, -11.4327, 27.0204

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.2100, -31.6555, 73.4838 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(185, 71, 37)` looks like.

```
.text, #text, p{  
    color:rgb(185, 71, 37)  
}
```

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(185, 71, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 71, 37) }
```

Border

The CSS property to change the border of an element to YUV 101.2100, -31.6555, 73.4838 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(185, 71, 37) }
```


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

```
.border{ border-color:rgb(185, 71, 37) }
```

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

Here you see how a box with a 4 pixel rgb(185, 71, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 71, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 71, 37);  
box-shadow:4px 4px 4px 4px rgb(185, 71,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 101.2100, -31.6555, 73.4838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 71, 37) }
```

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

```
.background{ background-color: rgb(185, 71,  
37) }
```

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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