

Converting Colors

YUV(76.4330, -19.9335,
46.9783)

Have a look what the booklet for
YUV(76.4330, -19.9335, 46.9783)
contains.

YUV(76.4330, -19.9335, 46.9783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(76.4330, -19.9335,
46.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	823924
RGB	130, 57, 36
RGB Percent	51%, 22%, 14%
CMY	0.4902, 0.7765, 0.8588
CMYK	0.00, 0.56, 0.72, 0.49
HSL	13°, 57%, 33%
HSV	13°, 72%, 51%
XYZ	10.9875, 7.7995, 2.5954
YIQ	76.4330, 50.2490, 8.9450

Conversions

Conversions Part 2

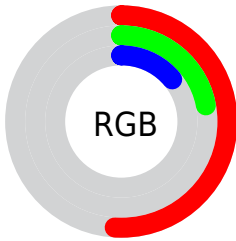
Format	Color
R_{YB}	130, 63, 36
Decimal	8534308
CIE _{Lab}	33.56, 29.94, 27.89
CIE _{LCh}	34, 40.921, 42.971
Yxy	7.7995, 0.5139, 0.3648
Android (android.graphics.Color)	4286724388 (0xFF823924)
YUV	76.4330, -19.9335, 46.9783
Hunter-Lab	27.9275, 21.3539, 14.0392

Details

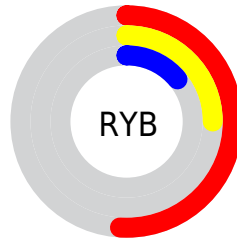
The YUV color **76.4330, -19.9335, 46.9783** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **89.5670, 19.9335, -46.9783**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.4830, -22.4231, 52.1964**, and **27.1210, -13.3707, 41.9899** is the 20% darker color. If you saturate the color by 10%, you get **69.0810, -22.7179, 53.4260**, and if you desaturate by 10%, it is **83.7850, -17.1490, 40.5306**.

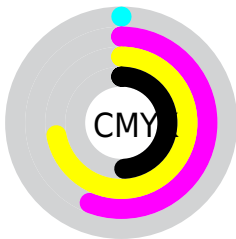
Distribution



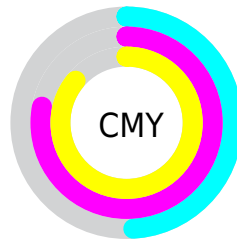
- Red (51%)
- Green (22%)
- Blue (14%)



- Red (51%)
- Yellow (25%)
- Blue (14%)



- Cyan (0%)
- Magenta (56%)
- Yellow (72%)
- Black (49%)



- Cyan (49%)
- Magenta (78%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.4330, -19.9335, 46.9783 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 76.4330, -19.9335, 46.9783 by changing the saturation by 10% instead.

■ 76.4330, -19.9335,
46.9783

■ 76.4330, -19.9335,
46.9783

255.0000, 0.0000,
0.0000

■ 51.5790, -18.0334,
44.2192

■ 127.4830,
-22.4231, 52.1964

■ 27.1210, -13.3707,
41.9899

■ 154.4510,
-23.8863, 54.8555

■ 14.6510, -7.2229,
30.1241

■ 182.1200,
-25.2022, 56.8998

■ 1.7940, -0.8844,
3.6887

■ 203.3250,
-22.8382, 45.3190

■ 0.0000, 0.0000,
0.0000

■ 222.8390,
-19.1476, 28.2052

■ 242.4670,

-15.0202, 10.9914

253.4040, -6.1152,
1.3997

76.4330, -19.9335,
46.9783

76.4330, -19.9335,
46.9783

69.0810, -22.7179,
53.4260

83.7850, -17.1490,
40.5306

61.7290, -25.5024,
59.8737

91.1370, -14.3645,
34.0829

55.8930, -27.5552,
64.9918

98.4890, -11.5801,
27.6351

105.8410, -8.7956,
21.1874

113.1930, -6.0111,
14.7397

■ 121.1320, -3.5161,
7.7772

■ 128.4840, -0.7316,
1.3295

■ 135.8360, 2.0529,
-5.1182

■ 143.1880, 4.8373,
-11.5659

Harmonies

Analogous

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



76.0760, -4.9675, 53.4303



76.4330, -19.9335, 46.9783



75.8210, -31.9568, 29.9750

Triad

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



76.4330, -19.9335, 46.9783



61.3170, -1.1423, -53.7750



73.3360, 33.8514, -30.9897

Complementary

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



76.4330, -19.9335, 46.9783



89.5670, 19.9335, -46.9783

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.



67.7300, 36.1221, -59.3992



76.4330, -19.9335, 46.9783



65.7800, 13.4195, -57.6891

Square

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



76.4330, -19.9335, 46.9783



68.8900, -20.1588, -20.9515



68.4990, 26.3760, -60.0736



81.3480, 22.5064, 14.6038

Rectangle

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



76.4330, -19.9335, 46.9783



73.6360, -34.8235, 16.1052



68.4990, 26.3760, -60.0736



64.5500, 39.1688, -56.6103

Sweetspot

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



76.4330, -19.9335, 46.9783



147.3460, -8.0586, 18.1136



72.5420, 18.4668, 50.3907



71.5130, -4.6899, 10.9511



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



76.4330, -19.9335, 46.9783



85.0250, -31.0713, 72.7691



103.4350, -33.2455, 23.2975



60.2670, -1.6106, 3.2738



54.7080, -26.9710, 64.2771



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.5670, 19.9335, -46.9783



105.5620, 30.7819, -73.2839



62.5650, 33.2455, -23.2975



60.7330, 1.6106, -3.2738



72.7050, 27.2604, -63.7623



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 76.4330, -19.9335, 46.9783 looks on a white background.

Color Contrast Check

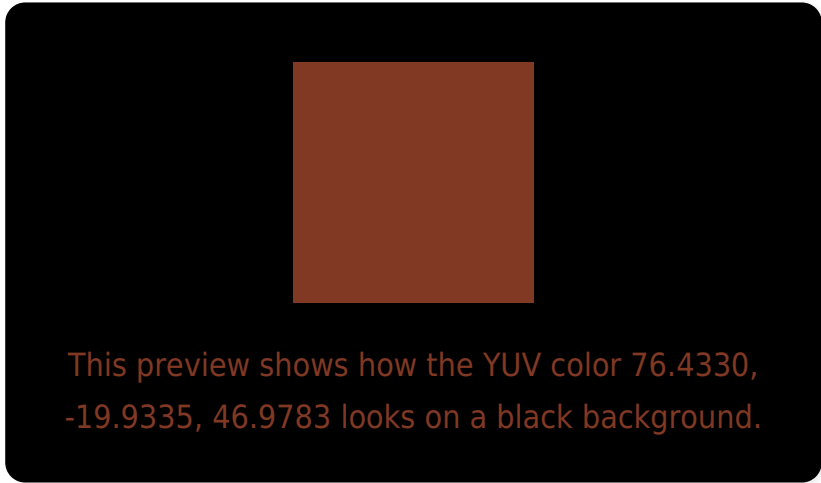
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 76.4330, -19.9335, 46.9783

Background



This preview shows how black text looks on a background with the YUV color 76.4330, -19.9335, 46.9783.



This preview shows how white text looks on a background with the YUV color 76.4330, -19.9335,

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

76.4330, -19.9335, 46.9783

Protanopia

78.1740, -17.3408, 8.6174

Deuteranopia

77.8610, -22.6095, 18.5389



Tritanopia

77.4790, -9.6031, 46.9379

Trichromacy



Original Color

76.4330, -19.9335, 46.9783

Protanomaly

77.6210, -18.5472, 22.2574

Deuteranomaly

77.1550, -21.7684, 28.8051

Tritanomaly

77.1540, -13.3869, 47.2229

Monochromacy



Original Color

76.4330, -19.9335, 46.9783

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1610, -7.4744, 17.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.4330, -19.9335, 46.9783 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(130, 57, 36)` looks like.

```
.text, #text, p{  
    color:rgb(130, 57, 36)  
}
```

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(130, 57, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 57, 36) }
```

Border

The CSS property to change the border of an element to YUV 76.4330, -19.9335, 46.9783 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(130, 57, 36) }
```


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

```
.border{ border-color:rgb(130, 57, 36) }
```

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

Here you see how a box with a 4 pixel rgb(130, 57, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 57, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 57, 36);  
box-shadow:4px 4px 4px 4px rgb(130, 57,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 76.4330, -19.9335, 46.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 57, 36) }
```

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

```
.background{ background-color: rgb(130, 57,  
36) }
```

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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