

Converting Colors

YUV(90.9970, -8.3795, 74.5476)

Have a look what the booklet for
YUV(90.9970, -8.3795, 74.5476)
contains.

YUV(90.9970, -8.3795, 74.5476)	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(90.9970, -8.3795,
74.5476)**

Conversions

Conversions Part 1

Format	Color
Hex	B0334A
RGB	176, 51, 74
RGB Percent	69%, 20%, 29%
CMY	0.3098, 0.8000, 0.7098
CMYK	0.00, 0.71, 0.58, 0.31
HSL	349°, 55%, 45%
HSV	349°, 71%, 69%
XYZ	20.3244, 12.0922, 7.7414
YIQ	90.9970, 67.1170, 33.6530

Conversions

Conversions Part 2

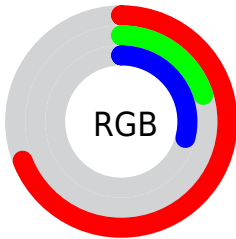
Format	Color
R_{YB}	176, 51, 74
Decimal	11547466
CIE Lab	41.36, 51.74, 16.05
CIE LCh	41, 54.174, 17.229
Yxy	12.0922, 0.5061, 0.3011
Android (android.graphics.Color)	4289737546 (0xFFB0334A)
YUV	90.9970, -8.3795, 74.5476
Hunter-Lab	34.7738, 43.4743, 11.1425

Details

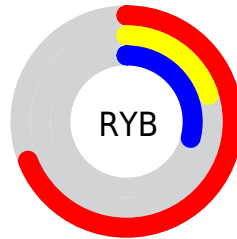
The YUV color **90.9970, -8.3795, 74.5476** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **136.0030, 8.3795, -74.5476**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6940, -12.1741, 78.3214**, and **38.5170, -3.7059, 68.8296** is the 20% darker color. If you saturate the color by 10%, you get **78.8350, -9.2857, 85.2137**, and if you desaturate by 10%, it is **103.1590, -7.4734, 63.8816**.

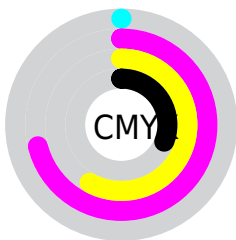
Distribution



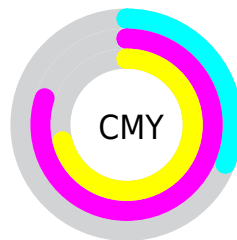
- Red (69%)
- Green (20%)
- Blue (29%)



- Red (69%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (71%)
- Yellow (58%)
- Black (31%)



- Cyan (31%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.9970, -8.3795, 74.5476 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 90.9970, -8.3795, 74.5476 by changing the saturation by 10% instead.

■ 90.9970, -8.3795,
74.5476

■ 90.9970, -8.3795,
74.5476

■ 255.0000, 0.0000,
0.0000

■ 60.1480, -4.0170,
75.2922

■ 146.6940,
-12.1741, 78.3214

■ 38.5170, -3.7059,
68.8296

■ 171.1880,
-11.4317, 73.5031

■ 27.4090, -10.0616,
54.0153

■ 190.7020, -7.7411,
56.3893

■ 18.7660, -8.2656,
37.9162

■ 210.2160, -4.0505,
39.2756

■ 8.4860, -3.6906,
17.1138

■ 230.4310, -0.2125,
21.5470

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.3151,

4.1184

■ 90.9970, -8.3795,
74.5476

■ 90.9970, -8.3795,
74.5476

■ 78.8350, -9.2857,
85.2137

■ 103.1590, -7.4734,
63.8816

■ 67.1460, -10.9180,
95.4650

■ 114.8480, -5.8411,
53.6303

■ 56.2720, -11.9661,
105.0015

■ 127.0100, -4.9349,
42.9642

■ 138.5850, -3.7394,
32.8130

■ 150.8610, -2.3965,
22.0469

■ 163.0230, -1.4903,
11.3808

■ 174.7120, 0.1420,
1.1296

■ 186.8740, 1.0481,
-9.5365

■ 198.4490, 2.2436,
-19.6878

Harmonies

Analogous

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



94.6100, 12.0243, 63.4860



90.9970, -8.3795, 74.5476



92.8880, -30.0178, 61.4882

Triad

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



90.9970, -8.3795, 74.5476



80.0420, -24.1777, -38.6248



84.4860, 49.5534, -74.0942

Complementary

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



90.9970, -8.3795, 74.5476



136.0030, 8.3795, -74.5476

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.



86.5600, 37.1919, -75.9131



90.9970, -8.3795, 74.5476



77.3430, -0.6621, -67.8298

Square

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



90.9970, -8.3795, 74.5476



88.5670, -43.6635, 4.7647



83.2880, 19.5780, -73.0436



90.9900, 45.3609, -35.9482

Rectangle

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



90.9970, -8.3795, 74.5476



91.6030, -44.6673, 46.8292



83.2880, 19.5780, -73.0436



85.6770, 46.5012, -75.1387

Sweetspot

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



90.9970, -8.3795, 74.5476



196.6770, -3.2918, 29.2243



95.1500, 39.8590, 48.9804



95.2410, -2.0908, 17.3286



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



90.9970, -8.3795, 74.5476



96.7080, -13.1670, 116.8971



110.6810, -29.4227, 57.2848



82.9190, -0.4531, 5.3330



48.9390, -10.3229, 91.2615



8.3440, -1.6486, 15.4843

Inverse Universe

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



90.9970, -8.3795, 74.5476



96.7080, -13.1670, 116.8971



116.3190, 29.4227, -57.2848



82.9190, -0.4531, 5.3330



48.9390, -10.3229, 91.2615



8.3440, -1.6486, 15.4843

Previews

White Background



This preview shows how the YUV color 90.9970, -8.3795, 74.5476 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 90.9970, -8.3795, 74.5476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

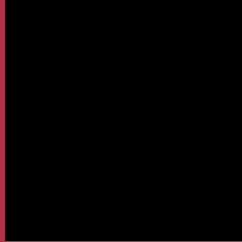
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.9970, -8.3795, 74.5476

Background



This preview shows how black text looks on a background with the YUV color 90.9970, -8.3795, 74.5476.



This preview shows how white text looks on a background with the YUV color 90.9970, -8.3795,

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

90.9970, -8.3795, 74.5476

Protanopia

98.6690, -1.3158, 2.0443

Deuteranopia

98.2120, -14.8945, 17.3541



Tritanopia

90.5210, -16.5259, 74.0881

Trichromacy



Original Color

90.9970, -8.3795, 74.5476

Protanomaly

95.8510, -3.8705, 28.1947

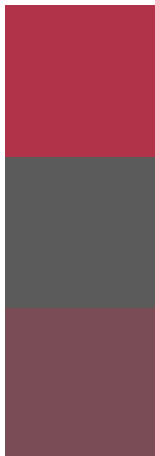
Deuteranomaly

95.3270, -12.4862, 38.3012

Tritanomaly

90.6180, -13.6157, 74.0030

Monochromacy



Original Color

90.9970, -8.3795, 74.5476

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.7800, -2.8495, 27.3799

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9970, -8.3795, 74.5476 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(176, 51, 74)` looks like.

```
.text, #text, p{  
    color:rgb(176, 51, 74)  
}
```

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(176, 51, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 51, 74) }
```

Border

The CSS property to change the border of an element to YUV 90.9970, -8.3795, 74.5476 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(176, 51, 74) }
```


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

```
.border{ border-color:rgb(176, 51, 74) }
```

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

Here you see how a box with a 4 pixel rgb(176, 51, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 51, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 51, 74);  
box-shadow:4px 4px 4px 4px rgb(176, 51,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 90.9970, -8.3795, 74.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 51, 74) }
```

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

```
.background{ background-color: rgb(176, 51,  
74) }
```

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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