

Converting Colors

YUV(78.8690, -30.9944,
94.8309)

Have a look what the booklet for
YUV(78.8690, -30.9944, 94.8309)
contains.

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Color

**YUV(78.8690, -30.9944,
94.8309)**

Conversions

Conversions Part 1

Format	Color
Hex	BB2410
RGB	187, 36, 16
RGB Percent	73%, 14%, 6%
CMY	0.2667, 0.8588, 0.9373
CMYK	0.00, 0.81, 0.91, 0.27
HSL	7°, 84%, 40%
HSV	7°, 91%, 73%
XYZ	21.2179, 11.8640, 1.6619
YIQ	78.8690, 96.4160, 25.7920

Conversions

Conversions Part 2

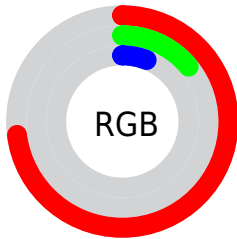
Format	Color
R_{YB}	187, 39, 16
Decimal	12264464
CIE _{Lab}	41.00, 57.63, 48.66
CIE _{LCh}	41, 75.426, 40.179
Yxy	11.8640, 0.6107, 0.3415
Android (android.graphics.Color)	4290454544 (0xFFBB2410)
YUV	78.8690, -30.9944, 94.8309
Hunter-Lab	34.4441, 49.6807, 21.2502

Details

The YUV color **78.8690, -30.9944, 94.8309** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **124.1310, 30.9944, -94.8309**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6970, -36.8256, 98.4897**, and **37.0760, -18.2785, 76.2323** is the 20% darker color. If you saturate the color by 10%, you get **68.8270, -33.9317, 103.6377**, and if you desaturate by 10%, it is **91.0140, -27.6149, 84.1797**.

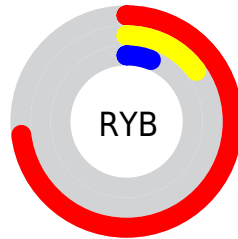
Distribution



Red (73%)

Green (14%)

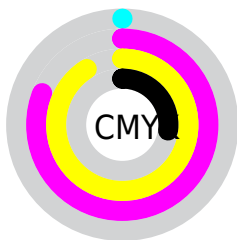
Blue (6%)



Red (73%)

Yellow (15%)

Blue (6%)

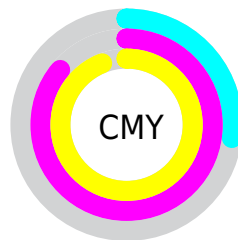


Cyan (0%)

Magenta (81%)

Yellow (91%)

Black (27%)



Cyan (27%)


Magenta (86%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.8690, -30.9944, 94.8309 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 78.8690, -30.9944, 94.8309 by changing the saturation by 10% instead.


 78.8690, -30.9944,
94.8309

 78.8690, -30.9944,
94.8309


 254.4300, -2.1840,
0.4999


 46.6440, -22.9955,
95.9052


 138.6970,
-36.8256, 98.4897


 37.0760, -18.2785,
76.2323


 159.0650,
-35.0350, 84.1350


 27.8070, -13.7089,
57.1743

 178.3510,
-32.2180, 67.2212

 19.6630, -8.7079,
39.7605

 197.7510,
-28.9642, 50.2074


 9.9810, -4.4276,
20.1877


 217.8520,
-25.5630, 32.5788


 0.0000, 0.0000,
0.0000


 238.0670,


-21.7250, 14.8502

 251.2380,
-14.4143, 3.2993


 78.8690, -30.9944,
94.8309


 78.8690, -30.9944,
94.8309

 68.8270, -33.9317,
103.6377

 91.0140, -27.6149,
84.1797

 102.4580,
-24.3828, 74.1433

 114.6030,
-21.0033, 63.4922

 126.1610,
-17.3344, 53.3558

 138.3060,
-13.9549, 42.7046

■ 149.7500,
-10.7227, 32.6683

■ 161.8950, -7.3432,
22.0171

■ 173.4530, -3.6743,
11.8807

■ 185.4840, -0.7316,
1.3295

Harmonies

Analogous

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



69.1050, 4.8782, 115.6719



78.8690, -30.9944, 94.8309



90.9350, -44.8310, 52.6770

Triad

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



78.8690, -30.9944, 94.8309



75.6670, -12.1608, -66.3600



83.3070, 67.8826, -73.0602

Complementary

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



78.8690, -30.9944, 94.8309



124.1310, 30.9944, -94.8309

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.



92.0150, 60.6316, -80.6972



78.8690, -30.9944, 94.8309



84.9520, 15.7997, -74.5029

Square

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



78.8690, -30.9944, 94.8309



67.8260, -33.4382, -55.0984



91.0910, 41.8601, -79.8868



97.2110, 47.2240, 19.9860

Rectangle

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



78.8690, -30.9944, 94.8309



91.0470, -44.8862, 23.6378



91.0910, 41.8601, -79.8868



87.0570, 67.0199, -76.3490

Sweetspot

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



78.8690, -30.9944, 94.8309



200.5440, -11.6072, 36.3569



84.3430, 40.7499, 90.0302



97.5960, -7.1958, 21.4023



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.



78.8690, -30.9944, 94.8309



88.7940, -43.7754, 134.3617



128.7640, -55.5927, 51.0730



88.2780, -1.6161, 5.0182



57.8080, -28.4993, 87.8684



11.6170, -5.7272, 16.9989

Inverse Universe

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



124.1310, 30.9944, -94.8309



153.2060, 43.7754, -134.3617



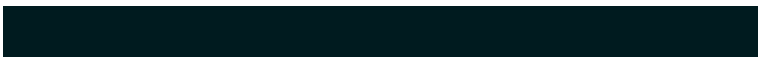
74.2360, 55.5927, -51.0730



90.7220, 1.6161, -5.0182



100.1920, 28.4993, -87.8684



19.3830, 5.7272, -16.9989

Previews

White Background



This preview shows how the YUV color 78.8690, -30.9944, 94.8309 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 78.8690, -30.9944, 94.8309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

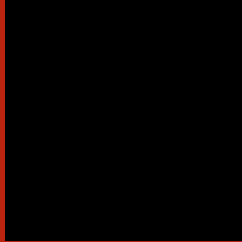
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.8690, -30.9944, 94.8309

Background



This preview shows how black text looks on a background with the YUV color 78.8690, -30.9944, 94.8309.



This preview shows how white text looks on a background with the YUV color 78.8690, -30.9944,

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

78.8690, -30.9944, 94.8309

Protanopia

93.8360, -31.4711, 14.1758

Deuteranopia

91.6670, -45.1918, 28.3560



Tritanopia

79.7470, -22.5533, 94.0609

Trichromacy



Original Color

78.8690, -30.9944, 94.8309

Protanomaly

88.1370, -31.1265, 43.7299

Deuteranomaly

86.9010, -39.8842, 52.7068

Tritanomaly

79.5360, -25.9002, 94.2459

Monochromacy



Original Color

78.8690, -30.9944, 94.8309

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.6470, -11.1650, 34.5126

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.8690, -30.9944, 94.8309 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(187, 36, 16)` looks like.

```
.text, #text, p{  
    color:rgb(187, 36, 16)  
}
```

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(187, 36, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 36, 16) }
```

Border

The CSS property to change the border of an element to YUV 78.8690, -30.9944, 94.8309 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(187, 36, 16) }
```


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

```
.border{ border-color:rgb(187, 36, 16) }
```

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

Here you see how a box with a 4 pixel rgb(187, 36, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 36, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 36, 16);  
box-shadow:4px 4px 4px 4px rgb(187, 36,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 78.8690, -30.9944, 94.8309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 36, 16) }
```

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

```
.background{ background-color: rgb(187, 36,  
16) }
```

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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