

Converting Colors

YUV(94.8030, -30.9619,
84.3648)

Have a look what the booklet for
YUV(94.8030, -30.9619, 84.3648)
contains.

YUV(94.8030, -30.9619, 84.3648)	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(94.8030, -30.9619,
84.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	BF3A20
RGB	191, 58, 32
RGB Percent	75%, 23%, 13%
CMY	0.2510, 0.7725, 0.8745
CMYK	0.00, 0.70, 0.83, 0.25
HSL	10°, 71%, 44%
HSV	10°, 83%, 75%
XYZ	23.2596, 14.2068, 2.8828
YIQ	94.8030, 87.6140, 20.1100

Conversions

Conversions Part 2

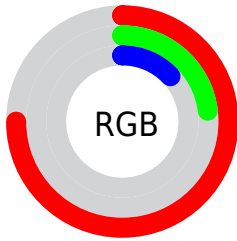
Format	Color
R_{YB}	191, 63, 32
Decimal	12532256
CIE Lab	44.53, 51.85, 44.75
CIE LCh	45, 68.490, 40.797
Yxy	14.2068, 0.5765, 0.3521
Android (android.graphics.Color)	4290722336 (0xFFBF3A20)
YUV	94.8030, -30.9619, 84.3648
Hunter-Lab	37.6919, 44.1915, 21.8497

Details

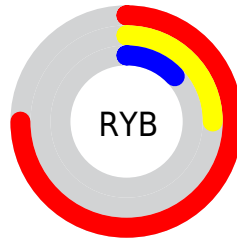
The YUV color **94.8030, -30.9619, 84.3648** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **128.1970, 30.9619, -84.3648**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2830, -35.6355, 90.0828**, and **38.5710, -19.0155, 79.3062** is the 20% darker color. If you saturate the color by 10%, you get **83.2450, -34.6308, 94.5011**, and if you desaturate by 10%, it is **106.3610, -27.2930, 74.2284**.

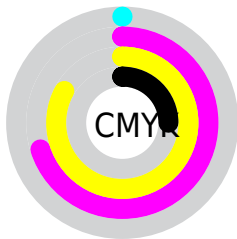
Distribution



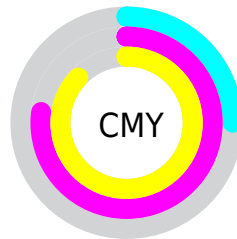
- Red (75%)
- Green (23%)
- Blue (13%)



- Red (75%)
- Yellow (25%)
- Blue (13%)



- Cyan (0%)
- Magenta (70%)
- Yellow (83%)
- Black (25%)



- Cyan (25%)
- Magenta (77%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8030, -30.9619, 84.3648 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 94.8030, -30.9619, 84.3648 by changing the saturation by 10% instead.

■ 94.8030, -30.9619,
84.3648

■ 94.8030, -30.9619,
84.3648

255.0000, 0.0000,
0.0000

■ 64.6010, -27.9043,
83.6649

■ 151.2830,
-35.6355, 90.0828

■ 38.5710, -19.0155,
79.3062

■ 170.2810,
-32.6765, 74.2986

■ 29.6010, -14.5933,
60.8629

■ 189.5670,
-29.8595, 57.3847

■ 20.9300, -10.3185,
43.0344

■ 209.0810,
-26.1689, 40.2710

■ 12.3730, -5.6069,
25.1059

■ 229.1820,
-22.7677, 22.6424

■ 0.0000, 0.0000,
0.0000

■ 249.9840,

-19.2191, 4.3990

253.1760, -6.9888,
1.5996

94.8030, -30.9619,
84.3648

94.8030, -30.9619,
84.3648

83.2450, -34.6308,
94.5011

106.3610,
-27.2930, 74.2284

75.3060, -37.1259,
101.4636

117.9190,
-23.6241, 64.0920

129.4770,
-19.9552, 53.9557

141.0350,
-16.2863, 43.8193

152.5930,
-12.6173, 33.6829

■ 164.2650, -8.5116,
23.4466

■ 175.8230, -4.8427,
13.3102

■ 187.3810, -1.1738,
3.1739

■ 198.9390, 2.4951,
-6.9625

Harmonies

Analogous

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



85.8770, 0.5536, 102.7169



94.8030, -30.9619, 84.3648



99.1860, -48.8987, 50.7029

Triad

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



94.8030, -30.9619, 84.3648



81.9590, -8.3608, -71.8780



87.1880, 64.9833, -76.4639

Complementary

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



94.8030, -30.9619, 84.3648



128.1970, 30.9619, -84.3648

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.



96.0100, 58.1691, -84.2008



94.8030, -30.9619, 84.3648



90.5600, 16.9789, -79.4211

Square

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



94.8030, -30.9619, 84.3648



83.2750, -41.0546, -38.8292



96.1290, 40.8554, -84.3051



107.5440, 42.1298, 20.5709

Rectangle

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



94.8030, -30.9619, 84.3648



99.0210, -48.8174, 24.5376



96.1290, 40.8554, -84.3051



90.9380, 64.1206, -79.7526

Sweetspot

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



94.8030, -30.9619, 84.3648



210.1090, -11.8857, 32.3534



94.9310, 35.5300, 84.2525



102.4710, -7.6272, 19.7579



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.



94.8030, -30.9619, 84.3648



97.3330, -47.9852, 131.2580



140.0020, -53.2450, 44.7252



88.2780, -1.6161, 5.0182



62.5040, -30.8145, 83.7500



12.2040, -6.0166, 16.4841

Inverse Universe

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



128.1970, 30.9619, -84.3648



149.6670, 47.9852, -131.2580



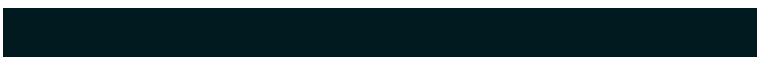
82.9980, 53.2450, -44.7252



90.7220, 1.6161, -5.0182



95.4960, 30.8145, -83.7500



18.7960, 6.0166, -16.4841

Previews

White Background



This preview shows how the YUV color 94.8030, -30.9619, 84.3648 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 94.8030, -30.9619, 84.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

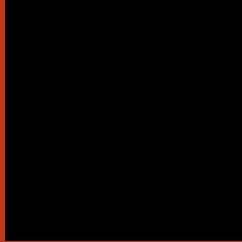
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.8030, -30.9619, 84.3648

Background



This preview shows how black text looks on a background with the YUV color 94.8030, -30.9619, 84.3648.



This preview shows how white text looks on a background with the YUV color 94.8030, -30.9619,

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

94.8030, -30.9619, 84.3648

Protanopia

102.6340, -28.4136, 13.4760

Deuteranopia

101.1770, -41.9923, 28.7858



Tritanopia

96.3050, -18.8844, 83.9245

Trichromacy



Original Color

94.8030, -30.9619, 84.3648

Protanomaly

100.1580, -29.6579, 39.3264

Deuteranomaly

98.7480, -37.8368, 49.3330

Tritanomaly

95.8660, -23.1049, 84.3095

Monochromacy



Original Color

94.8030, -30.9619, 84.3648

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.2120, -11.4435, 30.5091

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8030, -30.9619, 84.3648 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, 58, 32)` looks like.

```
.text, #text, p{  
    color:rgb(191, 58, 32)  
}
```

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, 58, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 58, 32) }
```

Border

The CSS property to change the border of an element to YUV 94.8030, -30.9619, 84.3648 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, 58, 32) }
```


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

```
.border{ border-color:rgb(191, 58, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 58, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 58, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 58, 32);  
box-shadow:4px 4px 4px 4px rgb(191, 58,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 94.8030, -30.9619, 84.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 58, 32) }
```

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

```
.background{ background-color: rgb(191, 58,  
32) }
```

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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