

Converting Colors

YUV(84.8190, -31.9558,
76.4577)

Have a look what the booklet for
YUV(84.8190, -31.9558, 76.4577)
contains.

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Color

**YUV(84.8190, -31.9558,
76.4577)**

Conversions

Conversions Part 1

Format	Color
Hex	AC3514
RGB	172, 53, 20
RGB Percent	67%, 21%, 8%
CMY	0.3255, 0.7922, 0.9216
CMYK	0.00, 0.69, 0.88, 0.33
HSL	13°, 79%, 38%
HSV	13°, 88%, 67%
XYZ	18.4126, 11.3674, 1.8855
YIQ	84.8190, 81.5170, 14.9650

Conversions

Conversions Part 2

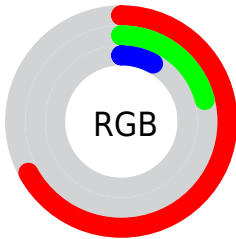
Format	Color
R _Y B	172, 62, 20
Decimal	11285780
CIE Lab	40.19, 47.10, 45.14
CIE LCh	40, 65.239, 43.783
Yxy	11.3674, 0.5815, 0.3590
Android (android.graphics.Color)	4289475860 (0xFFAC3514)
YUV	84.8190, -31.9558, 76.4577
Hunter-Lab	33.7155, 38.4797, 20.2852

Details

The YUV color **84.8190, -31.9558, 76.4577** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **107.1810, 31.9558, -76.4577**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8260, -35.9032, 82.5906**, and **33.1890, -16.3622, 68.2402** is the 20% darker color. If you saturate the color by 10%, you get **75.2500, -35.6192, 84.8498**, and if you desaturate by 10%, it is **94.3880, -28.2923, 68.0657**.

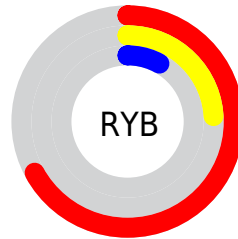
Distribution



Red (67%)

Green (21%)

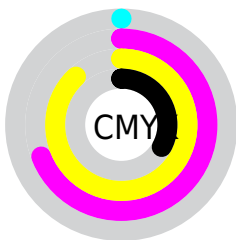
Blue (8%)



Red (67%)

Yellow (24%)

Blue (8%)

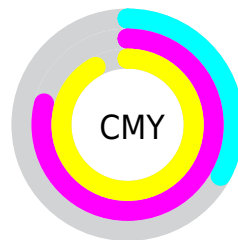


Cyan (0%)

Magenta (69%)

Yellow (88%)

Black (33%)



Cyan (33%)

Magenta (79%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8190, -31.9558, 76.4577 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 84.8190, -31.9558, 76.4577 by changing the saturation by 10% instead.

■ 84.8190, -31.9558,
76.4577

■ 84.8190, -31.9558,
76.4577

255.0000, 0.0000,
0.0000

■ 55.6600, -27.4404,
74.8432

■ 139.8260,
-35.9032, 82.5906

■ 33.1890, -16.3622,
68.2402

■ 164.8040,
-35.8924, 79.1019

■ 24.2190, -11.9400,
49.7969

■ 184.0900,
-33.0754, 62.1881

■ 16.9720, -7.3812,
34.2276

■ 203.4900,
-29.8216, 45.1743


■ 3.5880, -1.7689,
7.3773


■ 223.0040,
-26.1310, 28.0605


■ 0.0000, 0.0000,
0.0000


■ 243.2190,


-22.2930, 10.3319


 251.6940,
-12.6671, 2.8994

 84.8190, -31.9558,
76.4577


 84.8190, -31.9558,
76.4577


 75.2500, -35.6192,
84.8498


 94.3880, -28.2923,
68.0657

 73.1470, -36.0615,
86.6941

 104.5440,
-24.9182, 59.1589

 114.2270,
-20.8179, 50.6669

 124.3830,
-17.4438, 41.7601

 133.9520,
-13.7803, 33.3681

■ 144.1080,
-10.4062, 24.4613

■ 153.6770, -6.7428,
16.0693

■ 163.9470, -2.9319,
7.0625

■ 173.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



74.5020, -0.7405, 97.7837



84.8190, -31.9558, 76.4577



89.1080, -43.9302, 43.7553

Triad

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



84.8190, -31.9558, 76.4577



75.2740, -6.0511, -66.0153



77.3910, 60.4462, -67.8719

Complementary

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



84.8190, -31.9558, 76.4577



107.1810, 31.9558, -76.4577

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.



86.5550, 54.9424, -75.9087



84.8190, -31.9558, 76.4577



82.2450, 18.1202, -72.1289

Square

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



84.8190, -31.9558, 76.4577



70.2400, -34.6283, -46.6915



87.2440, 39.8127, -76.5130



96.1380, 37.8930, 26.1890

Rectangle

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



84.8190, -31.9558, 76.4577



88.6550, -43.7069, 18.7196



87.2440, 39.8127, -76.5130



81.8420, 59.7309, -71.7754

Sweetspot

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



84.8190, -31.9558, 76.4577



189.5710, -12.6065, 30.1942



79.0140, 29.5731, 81.5487



91.4600, -7.6218, 18.0136



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



84.8190, -31.9558, 76.4577



95.7390, -47.1993, 112.4849



129.4310, -53.9495, 37.3330



81.8650, -1.9054, 4.5034



64.2210, -31.6610, 75.2282



9.8120, -4.8373, 11.5659

Inverse Universe

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



107.1810, 31.9558, -76.4577



128.8480, 46.9099, -112.9997



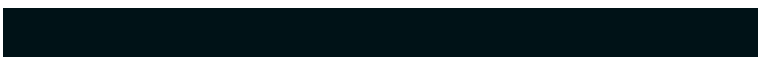
62.5690, 53.9495, -37.3330



83.1350, 1.9054, -4.5034



86.3660, 31.3716, -75.7430



13.1880, 4.8373, -11.5659

Previews

White Background



This preview shows how the YUV color 84.8190, -31.9558, 76.4577 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 84.8190, -31.9558, 76.4577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

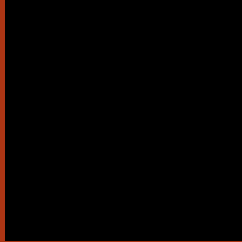
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.8190, -31.9558, 76.4577

Background



This preview shows how black text looks on a background with the YUV color 84.8190, -31.9558, 76.4577.



This preview shows how white text looks on a background with the YUV color 84.8190, -31.9558,

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

84.8190, -31.9558, 76.4577

Protanopia

91.8790, -30.0133, 13.2611

Deuteranopia

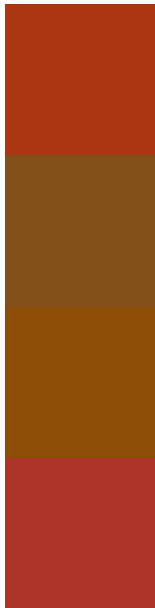
89.5960, -44.1708, 27.5413



Tritanopia

87.0050, -17.2575, 75.4176

Trichromacy



Original Color

84.8190, -31.9558, 76.4577

Protanomaly

89.2070, -30.6681, 36.6525

Deuteranomaly

87.8570, -39.8625, 45.7294

Tritanomaly

86.2240, -22.7884, 76.1026

Monochromacy



Original Color

84.8190, -31.9558, 76.4577

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.7880, -11.7275, 28.2499

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8190, -31.9558, 76.4577 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(172, 53, 20)` looks like.

```
.text, #text, p{  
    color:rgb(172, 53, 20)  
}
```

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(172, 53, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 53, 20) }
```

Border

The CSS property to change the border of an element to YUV 84.8190, -31.9558, 76.4577 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(172, 53, 20) }
```


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

```
.border{ border-color:rgb(172, 53, 20) }
```

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

Here you see how a box with a 4 pixel rgb(172, 53, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 53, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 53, 20);  
box-shadow:4px 4px 4px 4px rgb(172, 53,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 84.8190, -31.9558, 76.4577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 53, 20) }
```

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

```
.background{ background-color: rgb(172, 53,  
20) }
```

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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