

Converting Colors

YUV(96.2230, -38.0709,
77.8574)

Have a look what the booklet for
YUV(96.2230, -38.0709, 77.8574)
contains.

YUV(96.2230, -38.0709, 77.8574)	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(96.2230, -38.0709,
77.8574)**

Conversions

Conversions Part 1

Format	Color
Hex	B94213
RGB	185, 66, 19
RGB Percent	73%, 26%, 7%
CMY	0.2745, 0.7412, 0.9255
CMYK	0.00, 0.64, 0.90, 0.27
HSL	17°, 81%, 40%
HSV	17°, 90%, 73%
XYZ	22.0733, 14.2577, 2.2047
YIQ	96.2230, 86.0110, 10.6110

Conversions

Conversions Part 2

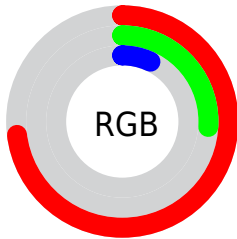
Format	Color
RYB	185, 85, 19
Decimal	12141075
CIELab	44.60, 46.13, 49.97
CIELCh	45, 68.006, 47.290
Yxy	14.2577, 0.5728, 0.3700
Android (android.graphics.Color)	4290331155 (0xFFB94213)
YUV	96.2230, -38.0709, 77.8574
Hunter-Lab	37.7594, 38.2683, 22.9697

Details

The YUV color **96.2230, -38.0709, 77.8574** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **107.7770, 38.0709, -77.8574**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.8710, -40.8554, 84.3051**, and **38.8370, -19.1466, 74.6880** is the 20% darker color. If you saturate the color by 10%, you get **86.4260, -42.6080, 86.4494**, and if you desaturate by 10%, it is **105.9060, -33.9707, 69.3654**.

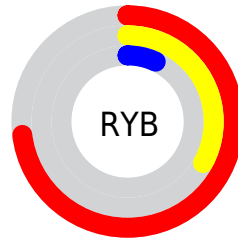
Distribution



Red (73%)

Green (26%)

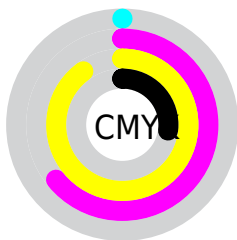
Blue (7%)



Red (73%)

Yellow (33%)

Blue (7%)

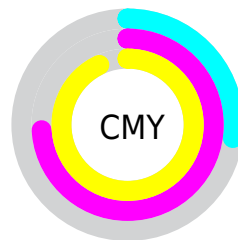


Cyan (0%)

Magenta (64%)

Yellow (90%)

Black (27%)



Cyan (27%)

Magenta (74%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.2230, -38.0709, 77.8574 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 96.2230, -38.0709, 77.8574 by changing the saturation by 10% instead.

■ 96.2230, -38.0709,
77.8574

■ 96.2230, -38.0709,
77.8574

255.0000, 0.0000,
0.0000

■ 68.9390, -33.9869,
74.5985

■ 151.8710,
-40.8554, 84.3051

■ 38.8370, -19.1466,
74.6880

■ 172.5490,
-39.2177, 72.3095

■ 28.1060, -13.8563,
57.7890

■ 191.9490,
-35.9639, 55.2957

■ 19.4350, -9.5815,
39.9605

■ 211.3490,
-32.7101, 38.2819


■ 11.1770, -5.0173,
22.6468


■ 230.8630,
-29.0195, 21.1681


■ 0.0000, 0.0000,
0.0000


■ 248.7300,

-24.0239, 5.4988


 251.9220,
-11.7935, 2.6994


 96.2230, -38.0709,
77.8574


 96.2230, -38.0709,
77.8574


 86.4260, -42.6080,
86.4494


 105.9060,
-33.9707, 69.3654

 85.8390, -42.3186,
86.9642

 116.2900,
-29.7230, 60.2587

 125.9730,
-25.6227, 51.7667

 135.7700,
-21.0856, 43.1747

 145.4530,
-16.9853, 34.6827

■ 155.8370,
-12.7376, 25.5760

■ 165.5200, -8.6374,
17.0840

■ 175.3170, -4.1003,
8.4920

■ 185.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



88.7320, -6.2769, 100.2130



96.2230, -38.0709, 77.8574



99.4300, -49.0190, 42.5959

Triad

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



96.2230, -38.0709, 77.8574



84.1420, -2.5350, -73.7925



83.7970, 64.6831, -73.4900

Complementary

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



96.2230, -38.0709, 77.8574



107.7770, 38.0709, -77.8574

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.



94.5910, 60.3476, -82.9563



96.2230, -38.0709, 77.8574



92.0420, 22.6573, -80.7208

Square

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



96.2230, -38.0709, 77.8574



73.4550, -30.7903, -64.4200



96.5680, 45.0760, -84.6901



107.0790, 37.4291, 35.0107

Rectangle

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



96.2230, -38.0709, 77.8574



98.0800, -48.3534, 15.7158



96.5680, 45.0760, -84.6901



88.3620, 64.4045, -77.4935

Sweetspot

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



96.2230, -38.0709, 77.8574



205.0010, -14.7905, 30.6941



82.5420, 28.8198, 89.8557



99.1180, -8.9322, 18.3135



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



96.2230, -38.0709, 77.8574



111.6760, -55.0563, 112.5401



143.1830, -61.2222, 36.6735



86.8650, -1.9054, 4.5034



72.4720, -35.7287, 73.2541



13.0680, -6.4425, 13.0954

Inverse Universe

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



107.7770, 38.0709, -77.8574



128.3240, 55.0563, -112.5401



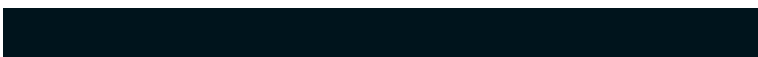
60.8170, 61.2222, -36.6735



87.5480, 2.1948, -3.9886



83.5280, 35.7287, -73.2541



14.9320, 6.4425, -13.0954

Previews

White Background



This preview shows how the YUV color 96.2230, -38.0709, 77.8574 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 96.2230, -38.0709, 77.8574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

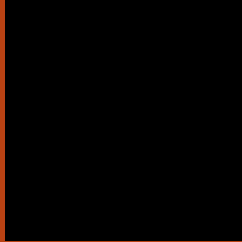
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.2230, -38.0709, 77.8574

Background



This preview shows how black text looks on a background with the YUV color 96.2230, -38.0709, 77.8574.



This preview shows how white text looks on a background with the YUV color 96.2230, -38.0709,

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

96.2230, -38.0709, 77.8574

Protanopia

101.6960, -35.8391, 15.1756

Deuteranopia

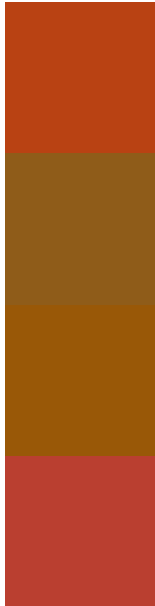
99.3530, -48.9810, 30.3854



Tritanopia

99.4180, -16.9681, 75.9324

Trichromacy



Original Color

96.2230, -38.0709, 77.8574

Protanomaly

99.6110, -36.7832, 38.0522

Deuteranomaly

98.2010, -44.9621, 48.0587

Tritanomaly

98.0670, -24.6830, 77.1172

Monochromacy



Original Color

96.2230, -38.0709, 77.8574

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9190, -13.7641, 28.1350

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2230, -38.0709, 77.8574 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(185, 66, 19)` looks like.

```
.text, #text, p{  
    color:rgb(185, 66, 19)  
}
```

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(185, 66, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 66, 19) }
```

Border

The CSS property to change the border of an element to YUV 96.2230, -38.0709, 77.8574 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(185, 66, 19) }
```


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

```
.border{ border-color:rgb(185, 66, 19) }
```

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

Here you see how a box with a 4 pixel rgb(185, 66, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 66, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 66, 19);  
box-shadow:4px 4px 4px 4px rgb(185, 66,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 96.2230, -38.0709, 77.8574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 66, 19) }
```

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

```
.background{ background-color: rgb(185, 66,  
19) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor