

Converting Colors

YUV(95.4130, -22.8816,
59.2738)

Have a look what the booklet for
YUV(95.4130, -22.8816, 59.2738)
contains.

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Color

**YUV(95.4130, -22.8816,
59.2738)**

Conversions

Conversions Part 1

Format	Color
Hex	A34631
RGB	163, 70, 49
RGB Percent	64%, 27%, 19%
CMY	0.3608, 0.7255, 0.8078
CMYK	0.00, 0.57, 0.70, 0.36
HSL	11°, 54%, 42%
HSV	11°, 70%, 64%
XYZ	17.8488, 12.3886, 4.3562
YIQ	95.4130, 62.1690, 13.1850

Conversions

Conversions Part 2

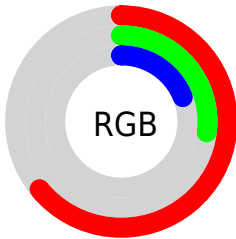
Format	Color
RYB	163, 75, 49
Decimal	10700337
CIELab	41.83, 37.07, 31.30
CIELCh	42, 48.516, 40.174
Yxy	12.3886, 0.5160, 0.3581
Android (android.graphics.Color)	4288890417 (0xFFA34631)
YUV	95.4130, -22.8816, 59.2738
Hunter-Lab	35.1974, 28.9227, 17.3001

Details

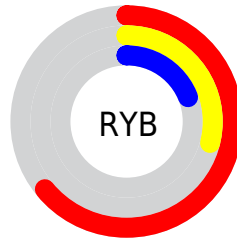
The YUV color **95.4130, -22.8816, 59.2738** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **116.5870, 22.8816, -59.2738**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6480, -25.9555, 65.2067**, and **42.3030, -19.3764, 54.9853** is the 20% darker color. If you saturate the color by 10%, you get **85.9580, -26.1083, 67.5658**, and if you desaturate by 10%, it is **104.8680, -19.6549, 50.9818**.

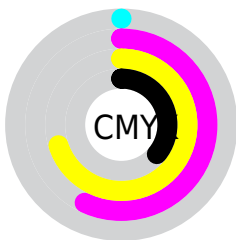
Distribution



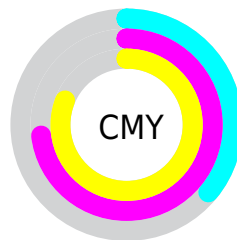
- Red (64%)
- Green (27%)
- Blue (19%)



- Red (64%)
- Yellow (29%)
- Blue (19%)



- Cyan (0%)
- Magenta (57%)
- Yellow (70%)
- Black (36%)





- Cyan (36%)
- Magenta (73%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.4130, -22.8816, 59.2738 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 95.4130, -22.8816, 59.2738 by changing the saturation by 10% instead.


 95.4130, -22.8816,
59.2738


 95.4130, -22.8816,
59.2738


255.0000, 0.0000,
0.0000


 69.5590, -20.9816,
56.5148


 148.6480,
-25.9555, 65.2067


 42.3030, -19.3764,
54.9853


 176.3170,
-27.2713, 67.2510


 23.0230, -11.3503,
47.3378

 195.7280,
-24.0229, 51.9815

 15.3630, -7.0810,
31.2536

 215.2420,
-20.3323, 34.8678

 1.4950, -0.7370,
3.0739

 234.7560,
-16.6417, 17.7540

 0.0000, 0.0000,
0.0000

 252.0360,

-11.3567, 2.5994

■ 95.4130, -22.8816,
59.2738

■ 95.4130, -22.8816,
59.2738

■ 85.9580, -26.1083,
67.5658

■ 104.8680,
-19.6549, 50.9818

■ 75.8020, -29.4824,
76.4726

■ 115.0240,
-16.2808, 42.0750

■ 66.3470, -32.7091,
84.7647

■ 124.4790,
-13.0541, 33.7829

■ 133.9340, -9.8275,
25.4909

■ 143.5030, -6.1640,
17.0989

■ 153.5450, -3.2267,
8.2920

■ 163.0000, 0.0000,
0.0000

■ 172.4550, 3.2267,
-8.2920

■ 182.6110, 6.6008,
-17.1988

Harmonies

Analogous

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



95.3810, -4.1318, 65.4409



95.4130, -22.8816, 59.2738



94.8670, -38.3884, 39.5816

Triad

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



95.4130, -22.8816, 59.2738



76.0720, -2.9935, -66.7151



87.9730, 44.3833, -49.0883

Complementary

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



95.4130, -22.8816, 59.2738



116.5870, 22.8816, -59.2738

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.



84.4060, 44.1698, -74.0241



95.4130, -22.8816, 59.2738



81.4470, 15.0626, -71.4290

Square

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



95.4130, -22.8816, 59.2738



87.3430, -27.2841, -22.2258



85.0780, 31.5135, -74.6134



101.6560, 28.7636, 14.3337

Rectangle

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



95.4130, -22.8816, 59.2738



92.4490, -44.5914, 22.4082



85.0780, 31.5135, -74.6134



80.8670, 48.3796, -70.9204

Sweetspot

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



95.4130, -22.8816, 59.2738



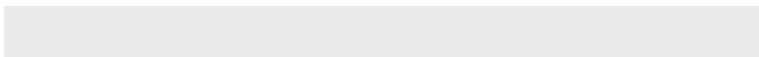
185.1510, -8.9484, 23.5466



93.6880, 23.8178, 60.7866



91.0080, -5.4269, 14.0250



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



95.4130, -22.8816, 59.2738



106.5930, -35.7883, 92.4419



128.8720, -39.3769, 29.9303



76.8650, -1.9054, 4.5034



59.2040, -29.1876, 75.2431



7.1430, -3.5215, 9.5216

Inverse Universe

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



116.5870, 22.8816, -59.2738



139.4070, 35.7883, -92.4419



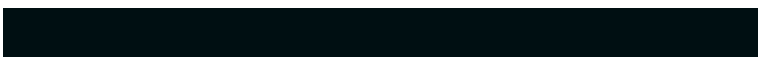
83.1280, 39.3769, -29.9303



78.1350, 1.9054, -4.5034



86.3830, 28.8982, -75.7579



10.8570, 3.5215, -9.5216

Previews

White Background



This preview shows how the YUV color 95.4130, -22.8816, 59.2738 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 95.4130, -22.8816, 59.2738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

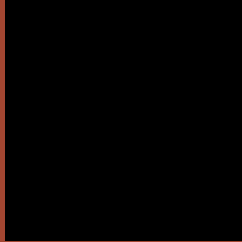
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.4130, -22.8816, 59.2738

Background



This preview shows how black text looks on a background with the YUV color 95.4130, -22.8816, 59.2738.

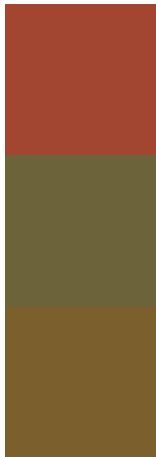


This preview shows how white text looks on a background with the YUV color 95.4130, -22.8816,

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

95.4130, -22.8816, 59.2738

Protanopia

97.4300, -18.9460, 10.1469

Deuteranopia

97.5580, -26.4041, 22.3126



Tritanopia

96.4590, -12.5513, 59.2335

Trichromacy



Original Color

95.4130, -22.8816, 59.2738

Protanomaly

96.4970, -20.4580, 28.5051

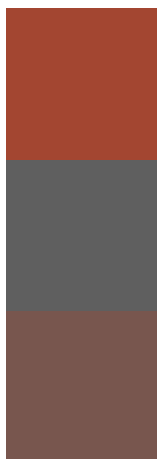
Deuteranomaly

96.9880, -25.1371, 35.9675

Tritanomaly

96.1340, -16.3351, 59.5185

Monochromacy



Original Color

95.4130, -22.8816, 59.2738

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.2540, -8.5062, 21.7022

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.4130, -22.8816, 59.2738 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(163, 70, 49)` looks like.

```
.text, #text, p{  
    color:rgb(163, 70, 49)  
}
```

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(163, 70, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 70, 49) }
```

Border

The CSS property to change the border of an element to YUV 95.4130, -22.8816, 59.2738 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(163, 70, 49) }
```


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

```
.border{ border-color:rgb(163, 70, 49) }
```

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

Here you see how a box with a 4 pixel rgb(163, 70, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 70, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 70, 49);  
box-shadow:4px 4px 4px 4px rgb(163, 70,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 95.4130, -22.8816, 59.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 70, 49) }
```

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

```
.background{ background-color: rgb(163, 70,  
49) }
```

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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