

Converting Colors

YUV(94.9950, -22.1825,
68.4104)

Have a look what the booklet for
YUV(94.9950, -22.1825, 68.4104)
contains.

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Color

**YUV(94.9950, -22.1825,
68.4104)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4032
RGB	173, 64, 50
RGB Percent	68%, 25%, 20%
CMY	0.3216, 0.7490, 0.8039
CMYK	0.00, 0.63, 0.71, 0.32
HSL	7°, 55%, 44%
HSV	7°, 71%, 68%
XYZ	19.6427, 12.7813, 4.4494
YIQ	94.9950, 69.4580, 18.7540

Conversions

Conversions Part 2

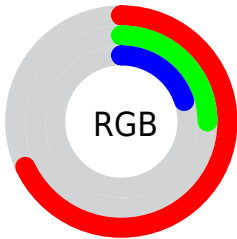
Format	Color
RYB	173, 66, 50
Decimal	11354162
CIELab	42.43, 43.75, 31.86
CIELCh	42, 54.121, 36.059
Yxy	12.7813, 0.5327, 0.3466
Android (android.graphics.Color)	4289544242 (0xFFAD4032)
YUV	94.9950, -22.1825, 68.4104
Hunter-Lab	35.7510, 35.5093, 17.6468

Details

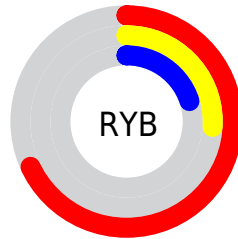
The YUV color **94.9950, -22.1825, 68.4104** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **128.0050, 22.1825, -68.4104**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1160, -25.6932, 74.4433**, and **36.4170, -15.4886, 68.0403** is the 20% darker color. If you saturate the color by 10%, you get **84.2520, -25.2672, 77.8320**, and if you desaturate by 10%, it is **105.7380, -19.0978, 58.9888**.

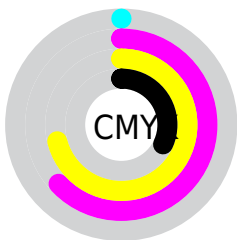
Distribution



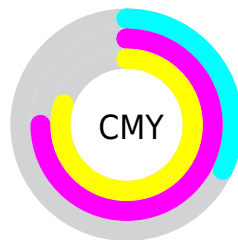
- Red (68%)
- Green (25%)
- Blue (20%)



- Red (68%)
- Yellow (26%)
- Blue (20%)



- Cyan (0%)
- Magenta (63%)
- Yellow (71%)
- Black (32%)





- Cyan (32%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.9950, -22.1825, 68.4104 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 94.9950, -22.1825, 68.4104 by changing the saturation by 10% instead.


 94.9950, -22.1825,
68.4104

 94.9950, -22.1825,
68.4104


255.0000, 0.0000,
0.0000

 67.6680, -19.5563,
66.0662


 149.1160,
-25.6932, 74.4433


 36.4170, -15.4886,
68.0403


 174.0940,
-25.6823, 70.9546


 25.4150, -12.5296,
52.2560

 193.4940,
-22.4285, 53.9408

 17.4560, -8.1128,
35.5571

 213.0080,
-18.7379, 36.8270

 6.8770, -3.3904,
14.1399

 232.5220,
-15.0473, 19.7132

 0.0000, 0.0000,
0.0000

 252.1500,

-10.9200, 2.4994

■ 94.9950, -22.1825,
68.4104

■ 94.9950, -22.1825,
68.4104

■ 84.2520, -25.2672,
77.8320

■ 105.7380,
-19.0978, 58.9888

■ 72.8080, -28.4993,
87.8684

■ 117.1820,
-15.8657, 48.9524

■ 63.4670, -31.2892,
96.0604

■ 127.9250,
-12.7810, 39.5308

■ 138.6680, -9.6963,
30.1092

■ 150.1120, -6.4642,
20.0728

■ 160.8550, -3.3795,
10.6512

■ 171.5980, -0.2948,
1.2296

■ 182.9280, 2.5005,
-8.7069

■ 193.7850, 6.0220,
-18.2284

Harmonies

Analogous

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



94.6470, -0.8120, 73.9776



94.9950, -22.1825, 68.4104



94.6570, -43.2149, 47.6588

Triad

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



94.9950, -22.1825, 68.4104



76.3340, -7.0667, -66.9449



82.1210, 53.1843, -72.0201

Complementary

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



94.9950, -22.1825, 68.4104



128.0050, 22.1825, -68.4104

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.



87.6660, 46.5067, -76.8831



94.9950, -22.1825, 68.4104



82.7520, 12.4473, -72.5735

Square

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



94.9950, -22.1825, 68.4104



87.0030, -35.0045, -19.2966



87.7680, 31.6664, -76.9725



102.5180, 34.7476, 8.3157

Rectangle

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



94.9950, -22.1825, 68.4104



94.0260, -46.3548, 28.0412



87.7680, 31.6664, -76.9725



84.4690, 52.0268, -74.0793

Sweetspot

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



94.9950, -22.1825, 68.4104



194.5750, -8.6645, 25.8057



99.4310, 30.3535, 64.5200



94.1330, -4.9956, 15.6694



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.



94.9950, -22.1825, 68.4104



103.1370, -34.0845, 105.9969



130.2150, -39.5460, 37.5224



81.2780, -1.6161, 5.0182



54.8290, -27.0307, 83.4650



8.6380, -4.2585, 12.5955

Inverse Universe

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



128.0050, 22.1825, -68.4104



154.8630, 34.0845, -105.9969



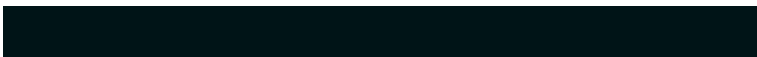
92.7850, 39.5460, -37.5224



83.7220, 1.6161, -5.0182



95.1710, 27.0307, -83.4650



14.3620, 4.2585, -12.5955

Previews

White Background



This preview shows how the YUV color 94.9950, -22.1825, 68.4104 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 94.9950, -22.1825, 68.4104 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 94.9950, -22.1825, 68.4104 Background



This preview shows how black text looks on a background with the YUV color 94.9950, -22.1825, 68.4104.



This preview shows how white text looks on a background with the YUV color 94.9950, -22.1825,

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

94.9950, -22.1825, 68.4104

Protanopia

99.3590, -17.9250, 9.3322

Deuteranopia

98.7430, -26.9883, 23.0274



Tritanopia

95.9440, -14.7624, 68.4551

Trichromacy



Original Color

94.9950, -22.1825, 68.4104

Protanomaly

98.0350, -19.7373, 30.6643

Deuteranomaly

97.0100, -25.1479, 39.4562

Tritanomaly

95.8470, -17.6726, 68.5402

Monochromacy



Original Color

94.9950, -22.1825, 68.4104

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0910, -7.9329, 24.4762

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9950, -22.1825, 68.4104 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(173, 64, 50)` looks like.

```
.text, #text, p{  
    color:rgb(173, 64, 50)  
}
```

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(173, 64, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 64, 50) }
```

Border

The CSS property to change the border of an element to YUV 94.9950, -22.1825, 68.4104 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(173, 64, 50) }
```


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

```
.border{ border-color:rgb(173, 64, 50) }
```

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

Here you see how a box with a 4 pixel rgb(173, 64, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 64, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 64, 50);  
box-shadow:4px 4px 4px 4px rgb(173, 64,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 94.9950, -22.1825, 68.4104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 64, 50) }
```

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

```
.background{ background-color: rgb(173, 64,  
50) }
```

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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