

Converting Colors

YUV(98.1570, -24.7274,
44.5893)

Have a look what the booklet for
YUV(98.1570, -24.7274, 44.5893)
contains.

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Color

**YUV(98.1570, -24.7274,
44.5893)**

Conversions

Conversions Part 1

Format	Color
Hex	955230
RGB	149, 82, 48
RGB Percent	58%, 32%, 19%
CMY	0.4157, 0.6784, 0.8118
CMYK	0.00, 0.45, 0.68, 0.42
HSL	20°, 51%, 39%
HSV	20°, 68%, 58%
XYZ	15.9452, 12.6375, 4.3952
YIQ	98.1570, 50.8460, 3.6300

Conversions

Conversions Part 2

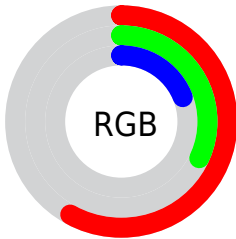
Format	Color
R_{YB}	149, 99, 48
Decimal	9785904
CIE _{Lab}	42.21, 24.85, 31.76
CIE _{LCh}	42, 40.324, 51.960
Yxy	12.6375, 0.4835, 0.3832
Android (android.graphics.Color)	4287975984 (0xFF955230)
YUV	98.1570, -24.7274, 44.5893
Hunter-Lab	35.5493, 17.8527, 17.5541

Details

The YUV color **98.1570, -24.7274, 44.5893** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **98.8430, 24.7274, -44.5893**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2070, -27.2171, 49.8075**, and **48.4660, -23.4007, 39.0563** is the 20% darker color. If you saturate the color by 10%, you get **90.5770, -28.3855, 51.2370**, and if you desaturate by 10%, it is **105.7370, -21.0693, 37.9417**.

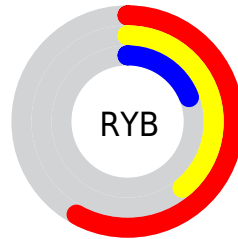
Distribution



Red (58%)

Green (32%)

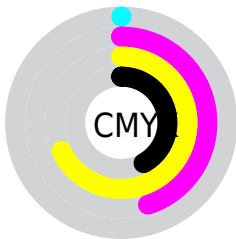
Blue (19%)



Red (58%)

Yellow (39%)

Blue (19%)

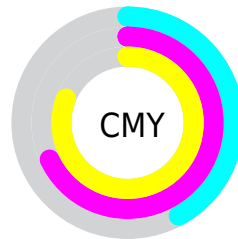


Cyan (0%)

Magenta (45%)

Yellow (68%)

Black (42%)



Cyan (42%)

Magenta (68%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.1570, -24.7274, 44.5893 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 98.1570, -24.7274, 44.5893 by changing the saturation by 10% instead.

■ 98.1570, -24.7274,
44.5893

■ 98.1570, -24.7274,
44.5893

255.0000, 0.0000,
0.0000

■ 73.1890, -23.2642,
41.9302

■ 150.2070,
-27.2171, 49.8075

■ 48.4660, -23.4007,
39.0563

■ 177.8760,
-28.5329, 51.8517

■ 26.7780, -13.2016,
34.3977

■ 202.0710,
-27.6430, 46.4187

■ 12.5580, -6.1911,
25.8206

■ 221.5850,
-23.9524, 29.3050

■ 0.0000, 0.0000,
0.0000

■ 241.2130,
-19.8250, 12.0912

■ 252.0360,

-11.3567, 2.5994

■ 98.1570, -24.7274,
44.5893

■ 98.1570, -24.7274,
44.5893

■ 90.5770, -28.3855,
51.2370

■ 105.7370,
-21.0693, 37.9417

■ 82.9970, -32.0435,
57.8846

■ 113.3170,
-17.4113, 31.2940

■ 75.4170, -35.7016,
64.5323

■ 120.8970,
-13.7532, 24.6463

■ 73.9010, -36.4332,
65.8618

■ 128.4770,
-10.0952, 17.9987

■ 135.4700, -6.1477,
11.8658

■ 142.9360, -2.9264,
5.3181

■ 150.5160, 0.7316,
-1.3295

■ 158.0960, 4.3897,
-7.9772

■ 165.6760, 8.0477,
-14.6249

Harmonies

Analogous

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



99.1810, -10.9352, 54.2153



98.1570, -24.7274, 44.5893



96.5600, -32.8141, 24.9419

Triad

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



98.1570, -24.7274, 44.5893



77.6510, 5.5951, -68.0999



99.2460, 30.4447, -11.6167

Complementary

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



98.1570, -24.7274, 44.5893



98.8430, 24.7274, -44.5893

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.



81.0320, 41.3962, -71.0651



98.1570, -24.7274, 44.5893



82.1140, 20.1568, -72.0140

Square

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



98.1570, -24.7274, 44.5893



88.0890, -15.3269, -30.7731



83.5450, 33.2553, -73.2690



103.0890, 18.6901, 25.3549

Rectangle

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



98.1570, -24.7274, 44.5893



94.6890, -31.8917, 9.0427



83.5450, 33.2553, -73.2690



95.7600, 34.1353, -28.7305

Sweetspot

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



98.1570, -24.7274, 44.5893



174.2920, -9.5110, 17.2839



85.8370, 14.3774, 55.3940



84.9860, -5.4161, 10.5363



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



98.1570, -24.7274, 44.5893



115.0540, -38.4806, 69.2356



127.5070, -39.1970, 18.8494



70.2670, -1.6106, 3.2738



68.2640, -33.6542, 61.1585



4.7510, -2.3422, 4.6034

Inverse Universe

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



98.8430, 24.7274, -44.5893



115.9460, 38.4806, -69.2356



69.4930, 39.1970, -18.8494



70.1460, 1.9000, -2.7590



69.1490, 33.9435, -60.6437



5.2490, 2.3422, -4.6034

Previews

White Background



This preview shows how the YUV color 98.1570, -24.7274, 44.5893 looks on a white background.

Color Contrast Check

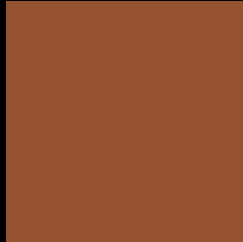
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.1570, -24.7274, 44.5893 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 98.1570, -24.7274, 44.5893

Background



This preview shows how black text looks on a background with the YUV color 98.1570, -24.7274, 44.5893.



This preview shows how white text looks on a background with the YUV color 98.1570, -24.7274,

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

98.1570, -24.7274, 44.5893

Protanopia

97.7460, -21.5668, 10.7468

Deuteranopia

97.9710, -26.1147, 22.8274



Tritanopia

100.3970, -8.5767, 44.3788

Trichromacy



Original Color

98.1570, -24.7274, 44.5893

Protanomaly

97.5950, -22.4783, 23.1572

Deuteranomaly

97.8410, -25.5576, 30.8344

Tritanomaly

99.2030, -14.3971, 44.5490

Monochromacy



Original Color

98.1570, -24.7274, 44.5893

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1070, -8.9268, 16.5692

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.1570, -24.7274, 44.5893 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(149, 82, 48)` looks like.

```
.text, #text, p{  
    color:rgb(149, 82, 48)  
}
```

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(149, 82, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 82, 48) }
```

Border

The CSS property to change the border of an element to YUV 98.1570, -24.7274, 44.5893 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(149, 82, 48) }
```


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

```
.border{ border-color:rgb(149, 82, 48) }
```

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

Here you see how a box with a 4 pixel rgb(149, 82, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 82, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 82, 48);  
box-shadow:4px 4px 4px 4px rgb(149, 82,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 98.1570, -24.7274, 44.5893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 82, 48) }
```

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

```
.background{ background-color: rgb(149, 82,  
48) }
```

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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