

Converting Colors

YUV(103.4230, -24.8585,
39.9710)

Have a look what the booklet for
YUV(103.4230, -24.8585, 39.9710)
contains.

YUV(103.4230, -24.8585, 39.9710)	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(103.4230, -24.8585,
39.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	955A35
RGB	149, 90, 53
RGB Percent	58%, 35%, 21%
CMY	0.4157, 0.6471, 0.7922
CMYK	0.00, 0.40, 0.64, 0.42
HSL	23°, 48%, 40%
HSV	23°, 64%, 58%
XYZ	16.6932, 13.9589, 5.1827
YIQ	103.4230, 47.0410, 1.0010

Conversions

Conversions Part 2

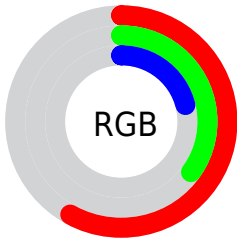
Format	Color
R_{YB}	149, 113, 53
Decimal	9787957
CIE _{Lab}	44.17, 20.64, 31.27
CIE _{LCh}	44, 37.463, 56.573
Yxy	13.9589, 0.4658, 0.3895
Android (android.graphics.Color)	4287978037 (0xFF955A35)
YUV	103.4230, -24.8585, 39.9710
Hunter-Lab	37.3617, 14.3709, 17.9287

Details

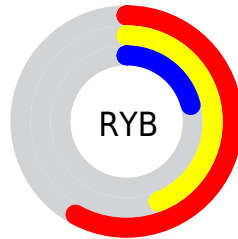
The YUV color **103.4230, -24.8585, 39.9710** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **98.5770, 24.8585, -39.9710**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8750, -27.0534, 43.9596**, and **54.2590, -22.8057, 34.8529** is the 20% darker color. If you saturate the color by 10%, you get **96.4300, -28.8060, 46.1039**, and if you desaturate by 10%, it is **110.4160, -20.9111, 33.8382**.

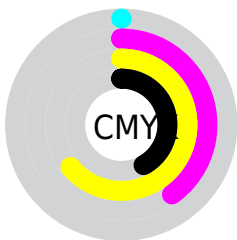
Distribution



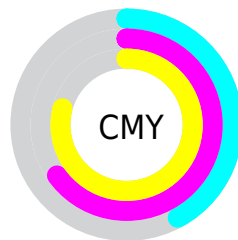
- Red (58%)
- Green (35%)
- Blue (21%)



- Red (58%)
- Yellow (44%)
- Blue (21%)



- Cyan (0%)
- Magenta (40%)
- Yellow (64%)
- Black (42%)



- Cyan (42%)
- Magenta (65%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.4230, -24.8585, 39.9710 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 103.4230, -24.8585, 39.9710 by changing the saturation by 10% instead.

■ 103.4230,
-24.8585, 39.9710

■ 103.4230,
-24.8585, 39.9710

■ 255.0000, 0.0000,
0.0000

■ 78.4550, -23.3953,
37.3120

■ 155.8750,
-27.0534, 43.9596

■ 54.2590, -22.8057,
34.8529

■ 182.9570,
-28.0798, 46.5187

■ 33.2460, -16.3903,
30.4793

■ 207.4510,
-27.3373, 41.7005

■ 12.5580, -6.1911,
25.8206

■ 226.9650,
-23.6467, 24.5867

■ 0.0000, 0.0000,
0.0000

■ 247.1800,
-19.8087, 6.8581

■ 252.7200, -8.7360,

1.9996

■ 103.4230,
-24.8585, 39.9710

■ 103.4230,
-24.8585, 39.9710

■ 96.4300, -28.8060,
46.1039

■ 110.4160,
-20.9111, 33.8382

■ 89.4370, -32.7534,
52.2368

■ 117.4090,
-16.9636, 27.7053

■ 82.4440, -36.7009,
58.3696

■ 124.4020,
-13.0162, 21.5724

■ 78.0100, -38.4589,
62.2582

■ 131.9820, -9.3581,
14.9248

■ 138.9750, -5.4107,
8.7919

■ 145.8540, -1.9000,
2.7590

■ 152.8470, 2.0474,
-3.3738

■ 159.8400, 5.9949,
-9.5067

■ 166.8330, 9.9423,
-15.6395

Harmonies

Analogous

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



104.2900, -12.9610, 50.6117



103.4230, -24.8585, 39.9710



101.8090, -30.4718, 20.3385

Triad

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



103.4230, -24.8585, 39.9710



81.8400, 8.9529, -71.7737



105.6660, 26.7867, -4.9691

Complementary

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



103.4230, -24.8585, 39.9710



98.5770, 24.8585, -39.9710

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.



92.1760, 36.3952, -53.6514



103.4230, -24.8585, 39.9710



85.3740, 22.4936, -74.8730

Square

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



103.4230, -24.8585, 39.9710



93.2890, -11.9745, -32.7025



85.8760, 34.5711, -75.3133



107.3020, 15.6271, 27.7991

Rectangle

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



103.4230, -24.8585, 39.9710



99.8780, -28.5339, 5.3690



85.8760, 34.5711, -75.3133



103.3870, 29.8822, -17.8794

Sweetspot

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



103.4230, -24.8585, 39.9710



176.2810, -9.5055, 15.5396



88.4300, 11.6200, 53.1199



86.2740, -5.5581, 9.4067



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.



103.4230, -24.8585, 39.9710



123.0100, -38.4589, 62.2582



131.5990, -38.7493, 15.2607



70.2670, -1.6106, 3.2738



72.3730, -35.6799, 57.5549



5.3380, -2.6316, 4.0886

Inverse Universe

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



98.5770, 24.8585, -39.9710



115.4030, 38.7483, -61.7434



70.4010, 38.7493, -15.2607



70.1460, 1.9000, -2.7590



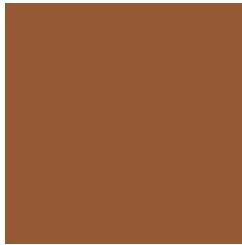
65.6270, 35.6799, -57.5549



4.6620, 2.6316, -4.0886

Previews

White Background



This preview shows how the YUV color 103.4230, -24.8585, 39.9710 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 103.4230, -24.8585, 39.9710 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 103.4230, -24.8585, 39.9710

Background



This preview shows how black text looks on a background with the YUV color 103.4230, -24.8585, 39.9710.



This preview shows how white text looks on a background with the YUV color 103.4230, -24.8585,

39.9710.

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

103.4230, -24.8585, 39.9710

Protanopia

102.6320, -22.0036, 10.8467

Deuteranopia

103.0850, -25.6779, 22.7275



Tritanopia

105.5320, -6.6713, 39.8754

Trichromacy



Original Color

103.4230, -24.8585, 39.9710

Protanomaly

103.0570, -23.1991, 20.9980

Deuteranomaly

102.9440, -25.1154, 28.9901

Tritanomaly

104.8110, -13.2178, 39.6308

Monochromacy



Original Color

103.4230, -24.8585, 39.9710

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0960, -8.9213, 14.8248

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4230, -24.8585, 39.9710 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, 90, 53)` looks like.

```
.text, #text, p{  
    color:rgb(149, 90, 53)  
}
```

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, 90, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 90, 53) }
```

Border

The CSS property to change the border of an element to YUV 103.4230, -24.8585, 39.9710 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, 90, 53) }
```


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

```
.border{ border-color:rgb(149, 90, 53) }
```

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

Here you see how a box with a 4 pixel rgb(149, 90, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 90, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 90, 53);  
box-shadow:4px 4px 4px 4px rgb(149, 90,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 103.4230, -24.8585, 39.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 90, 53) }
```

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

```
.background{ background-color: rgb(149, 90,  
53) }
```

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