

Converting Colors

YUV(102.7490, -9.2433,
24.7761)

Have a look what the booklet for
YUV(102.7490, -9.2433, 24.7761)
contains.

YUV(102.7490, -9.2433, 24.7761)	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(102.7490, -9.2433,
24.7761)**

Conversions

Conversions Part 1

Format	Color
Hex	835C54
RGB	131, 92, 84
RGB Percent	51%, 36%, 33%
CMY	0.4863, 0.6392, 0.6706
CMYK	0.00, 0.30, 0.36, 0.49
HSL	10°, 22%, 42%
HSV	10°, 36%, 51%
XYZ	14.7875, 13.1197, 10.1405
YIQ	102.7490, 25.8120, 5.7800

Conversions

Conversions Part 2

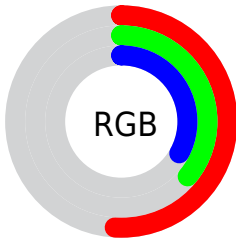
Format	Color
R_{YB}	131, 94, 84
Decimal	8608852
CIE _{Lab}	42.94, 14.85, 10.97
CIE _{LCh}	43, 18.466, 36.446
Yxy	13.1197, 0.3887, 0.3448
Android (android.graphics.Color)	4286798932 (0xFF835C54)
YUV	102.7490, -9.2433, 24.7761
Hunter-Lab	36.2211, 9.4866, 8.7559

Details

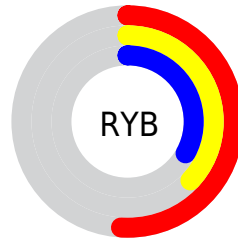
The YUV color **102.7490, -9.2433, 24.7761** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **112.2510, 9.2433, -24.7761**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.9450, -9.8329, 27.2352**, and **55.3680, -8.0694, 21.6023** is the 20% darker color. If you saturate the color by 10%, you get **94.8100, -11.7383, 31.7386**, and if you desaturate by 10%, it is **110.6880, -6.7482, 17.8136**.

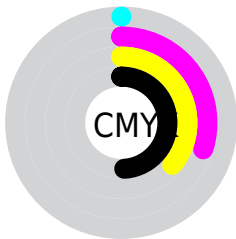
Distribution



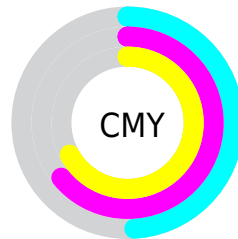
- Red (51%)
- Green (36%)
- Blue (33%)



- Red (51%)
- Yellow (37%)
- Blue (33%)



- Cyan (0%)
- Magenta (30%)
- Yellow (36%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.7490, -9.2433, 24.7761 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 102.7490, -9.2433, 24.7761 by changing the saturation by 10% instead.

■ 102.7490, -9.2433,
24.7761

■ 102.7490, -9.2433,
24.7761

■ 255.0000, 0.0000,
0.0000

■ 78.2650, -8.5116,
23.4466

■ 153.9450, -9.8329,
27.2352

■ 55.3680, -8.0694,
21.6023

■ 181.1300,
-10.4171, 27.9500

■ 32.9980, -6.9010,
20.1728

■ 208.7280,
-10.7119, 29.1795

■ 10.4650, -5.1592,
21.5172

■ 232.1290, -8.9376,
20.0579

■ 0.0000, 0.0000,
0.0000

■ 252.4580, -4.6628,
2.2293

■ 102.7490, -9.2433,
24.7761

■ 102.7490, -9.2433,
24.7761

■ 94.8100, -11.7383,
31.7386

■ 110.6880, -6.7482,
17.8136

■ 86.8710, -14.2334,
38.7011

■ 118.6270, -4.2531,
10.8511

■ 78.9320, -16.7285,
45.6636

■ 126.5660, -1.7580,
3.8886

■ 71.5800, -19.5129,
52.1113

■ 133.9180, 1.0264,
-2.5591

■ 63.6410, -22.0080,
59.0738

■ 141.9710, 3.9583,
-9.6216

■ 55.5880, -24.9399,
66.1363

■ 149.9100, 6.4534,
-16.5841

■ 52.0830, -25.6769,
69.2102

■ 157.8490, 8.9484,
-23.5466

■ 165.7880, 11.4435,

-30.5091

■ 173.7270, 13.9386,
-37.4716

Harmonies

Analogous

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



103.5840, -2.2599, 24.9208



102.7490, -9.2433, 24.7761



101.5650, -13.5895, 18.7985

Triad

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



102.7490, -9.2433, 24.7761



96.5540, -3.7241, -18.9029



100.8210, 14.8782, -12.1210

Complementary

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



102.7490, -9.2433, 24.7761



112.2510, 9.2433, -24.7761

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.



96.6620, 15.9426, -26.8906



102.7490, -9.2433, 24.7761



94.3660, 4.7496, -30.1390

Square

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



102.7490, -9.2433, 24.7761



98.5080, -10.6034, -5.7075



93.9940, 12.3280, -34.1977



103.0080, 11.3351, 4.3780

Rectangle

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



102.7490, -9.2433, 24.7761



100.8800, -14.7308, 11.5062



93.9940, 12.3280, -34.1977



99.4290, 16.0575, -17.0392

Sweetspot

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



102.7490, -9.2433, 24.7761



159.4420, -3.6689, 10.1364



102.4990, 10.1070, 24.9954



79.7620, -2.3477, 6.3477



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



102.7490, -9.2433, 24.7761



126.7570, -14.6702, 38.8011



116.2500, -15.8993, 12.9358



62.3810, -1.1738, 3.1739



51.7840, -25.5295, 68.5954



0.8970, -0.4422, 1.8443

Inverse Universe

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



112.2510, 9.2433, -24.7761



141.2430, 14.6702, -38.8011



98.7500, 15.8993, -12.9358



63.6190, 1.1738, -3.1739



78.2160, 25.5295, -68.5954



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 102.7490, -9.2433, 24.7761 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 102.7490, -9.2433, 24.7761 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 102.7490, -9.2433, 24.7761

Background



This preview shows how black text looks on a background with the YUV color 102.7490, -9.2433, 24.7761.



This preview shows how white text looks on a background with the YUV color 102.7490, -9.2433,

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

102.7490, -9.2433, 24.7761

Protanopia

101.4260, -6.1260, 4.8884

Deuteranopia

102.2700, -9.5001, 13.7952



Tritanopia

103.3560, -3.1335, 25.1208

Trichromacy



Original Color

102.7490, -9.2433, 24.7761

Protanomaly

102.1280, -7.4581, 12.1657

Deuteranomaly

102.5910, -9.6584, 17.8987

Tritanomaly

103.3730, -5.6069, 25.1059

Monochromacy



Original Color

102.7490, -9.2433, 24.7761

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.8440, -3.3741, 8.9068

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.7490, -9.2433, 24.7761 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(131, 92, 84)` looks like.

```
.text, #text, p{  
    color:rgb(131, 92, 84)  
}
```

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(131, 92, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 92, 84) }
```

Border

The CSS property to change the border of an element to YUV 102.7490, -9.2433, 24.7761 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(131, 92, 84) }
```


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

```
.border{ border-color:rgb(131, 92, 84) }
```

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

Here you see how a box with a 4 pixel rgb(131, 92, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 92, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 92, 84);  
box-shadow:4px 4px 4px 4px rgb(131, 92,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 102.7490, -9.2433, 24.7761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 92, 84) }
```

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

```
.background{ background-color: rgb(131, 92,  
84) }
```

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