

Converting Colors

YUV(97.6500, -5.7435, 22.2319)

Have a look what the booklet for
YUV(97.6500, -5.7435, 22.2319)
contains.

YUV(97.6500, -5.7435, 22.2319)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**YUV(97.6500, -5.7435,
22.2319)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5756
RGB	123, 87, 86
RGB Percent	48%, 34%, 34%
CMY	0.5176, 0.6588, 0.6627
CMYK	0.00, 0.29, 0.30, 0.52
HSL	2°, 18%, 41%
HSV	2°, 30%, 48%
XYZ	13.2563, 11.6992, 10.3636
YIQ	97.6500, 21.7770, 7.3210

Conversions

Conversions Part 2

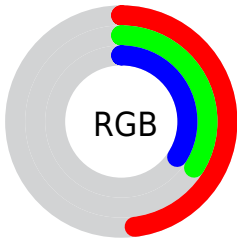
Format	Color
R_{YB}	123, 87, 86
Decimal	8083286
CIE _{Lab}	40.73, 14.75, 6.50
CIE _{LCh}	41, 16.123, 23.781
Yxy	11.6992, 0.3753, 0.3312
Android (android.graphics.Color)	4286273366 (0xFF7B5756)
YUV	97.6500, -5.7435, 22.2319
Hunter-Lab	34.2041, 9.3229, 5.9785

Details

The YUV color **97.6500, -5.7435, 22.2319** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111.3500, 5.7435, -22.2319**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5470, -6.1857, 24.0763**, and **50.5680, -4.7170, 19.6729** is the 20% darker color. If you saturate the color by 10%, you get **89.2380, -7.5123, 29.6093**, and if you desaturate by 10%, it is **106.0620, -3.9746, 14.8546**.

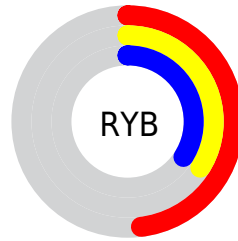
Distribution



Red (48%)

Green (34%)

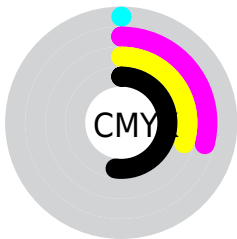
Blue (34%)



Red (48%)

Yellow (34%)

Blue (34%)

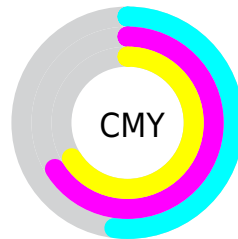


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (52%)



Cyan (52%)

Magenta (66%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6500, -5.7435, 22.2319 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 97.6500, -5.7435, 22.2319 by changing the saturation by 10% instead.

■ 97.6500, -5.7435,
22.2319

■ 97.6500, -5.7435,
22.2319

■ 255.0000, 0.0000,
0.0000

■ 74.0520, -5.4486,
21.0024

■ 148.5470, -6.1857,
24.0763

■ 50.5680, -4.7170,
19.6729

■ 175.1450, -6.4805,
25.3058

■ 28.7850, -3.8380,
17.7286

■ 203.3300, -7.0647,
26.0206

■ 8.9700, -4.4222,
18.4433

■ 228.9490, -5.8909,
22.8467

■ 0.0000, 0.0000,
0.0000

■ 249.1640, -2.0529,
5.1182

■ 97.6500, -5.7435,
22.2319

■ 97.6500, -5.7435,
22.2319

■ 89.2380, -7.5123,
29.6093

■ 106.0620, -3.9746,
14.8546

■ 80.7120, -9.7180,
37.0866

■ 114.5880, -1.7689,
7.3773

■ 72.3000, -11.4869,
44.4639

■ 123.0000, 0.0000,
0.0000

■ 63.8880, -13.2558,
51.8412

■ 131.4120, 1.7689,
-7.3773

■ 55.4760, -15.0247,
59.2185

■ 139.9380, 3.9746,
-14.8546

■ 46.9500, -17.2304,
66.6958

■ 148.3500, 5.7434,
-22.2320

■ 38.5380, -18.9992,
74.0732

■ 156.7620, 7.5123,
-29.6093

■ 165.1740, 9.2812,

-36.9866

■ 173.7000, 11.4869,
-44.4639

Harmonies

Analogous

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



98.2350, 0.3771, 19.0879



97.6500, -5.7435, 22.2319



96.9610, -10.8268, 19.3282

Triad

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



97.6500, -5.7435, 22.2319



92.9140, -6.3666, -11.3256



94.1580, 13.7261, -15.9246

Complementary

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



97.6500, -5.7435, 22.2319



111.3500, 5.7435, -22.2319

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.



91.7500, 12.4482, -26.0907



97.6500, -5.7435, 22.2319



90.7970, 1.0861, -21.7470

Square

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



97.6500, -5.7435, 22.2319



94.1390, -10.9145, 0.7551



89.8870, 7.9437, -27.9649



97.2630, 11.2093, -1.9847

Rectangle

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



97.6500, -5.7435, 22.2319



96.1730, -12.4103, 13.8803



89.8870, 7.9437, -27.9649



93.1360, 13.7370, -19.4133

Sweetspot

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



97.6500, -5.7435, 22.2319



151.0720, -2.5005, 8.7069



101.1670, 10.2707, 19.1475



75.6910, -1.3267, 5.5330



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



97.6500, -5.7435, 22.2319



120.9290, -8.8390, 35.1423



108.2160, -10.9525, 12.9656



56.7940, -0.8844, 3.6887



39.1360, -19.2940, 75.3027



79.4570, -39.1723, 151.3202

Inverse Universe

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



111.3500, 5.7435, -22.2319



142.4840, 9.1284, -34.6275



100.7840, 10.9525, -12.9656



59.2060, 0.8844, -3.6887



85.8640, 19.2940, -75.3027



173.1300, 38.8829, -151.8350

Previews

White Background



This preview shows how the YUV color 97.6500, -5.7435, 22.2319 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 97.6500, -5.7435, 22.2319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

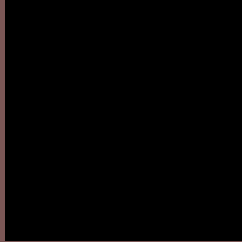
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.6500, -5.7435, 22.2319

Background



This preview shows how black text looks on a background with the YUV color 97.6500, -5.7435, 22.2319.



This preview shows how white text looks on a background with the YUV color 97.6500, -5.7435,

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

97.6500, -5.7435, 22.2319

Protanopia

96.3270, -2.6262, 2.3442

Deuteranopia

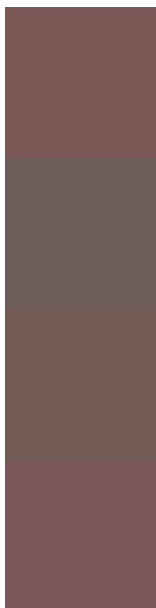
97.1710, -6.0003, 11.2510



Tritanopia

98.1600, -2.5439, 22.6617

Trichromacy



Original Color

97.6500, -5.7435, 22.2319

Protanomaly

97.0290, -3.9583, 9.6216

Deuteranomaly

97.4920, -6.1586, 15.3545

Tritanomaly

97.8180, -3.8543, 22.9616

Monochromacy



Original Color

97.6500, -5.7435, 22.2319

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.8870, -1.9163, 7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6500, -5.7435, 22.2319 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(123, 87, 86)` looks like.

```
.text, #text, p{  
    color:rgb(123, 87, 86)  
}
```

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(123, 87, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 87, 86) }
```

Border

The CSS property to change the border of an element to YUV 97.6500, -5.7435, 22.2319 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(123, 87, 86) }
```


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

```
.border{ border-color:rgb(123, 87, 86) }
```

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

Here you see how a box with a 4 pixel rgb(123, 87, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 87, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 87, 86);  
box-shadow:4px 4px 4px 4px rgb(123, 87,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 97.6500, -5.7435, 22.2319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 87, 86) }
```

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

```
.background{ background-color: rgb(123, 87,  
86) }
```

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