

Converting Colors

YUV(99.8560, -4.8590, 18.5433)

Have a look what the booklet for
YUV(99.8560, -4.8590, 18.5433)
contains.

YUV(99.8560, -4.8590, 18.5433)	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(99.8560, -4.8590,
18.5433)**

Conversions

Conversions Part 1

Format	Color
Hex	795B5A
RGB	121, 91, 90
RGB Percent	47%, 36%, 35%
CMY	0.5255, 0.6431, 0.6471
CMYK	0.00, 0.25, 0.26, 0.53
HSL	2°, 15%, 41%
HSV	2°, 26%, 47%
XYZ	13.4717, 12.2853, 11.3341
YIQ	99.8560, 18.2010, 6.0490

Conversions

Conversions Part 2

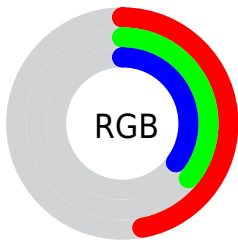
Format	Color
R_{YB}	121, 91, 90
Decimal	7953242
CIE _{Lab}	41.67, 12.13, 5.34
CIE _{LCh}	42, 13.258, 23.763
Yxy	12.2853, 0.3632, 0.3312
Android (android.graphics.Color)	4286143322 (0xFF795B5A)
YUV	99.8560, -4.8590, 18.5433
Hunter-Lab	35.0504, 7.2687, 5.3629

Details

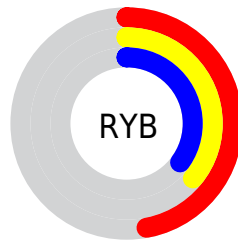
The YUV color **99.8560, -4.8590, 18.5433** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111.1440, 4.8590, -18.5433**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7530, -5.3012, 20.3876**, and **53.0730, -3.9800, 16.5990** is the 20% darker color. If you saturate the color by 10%, you get **91.4440, -6.6279, 25.9206**, and if you desaturate by 10%, it is **108.2680, -3.0901, 11.1660**.

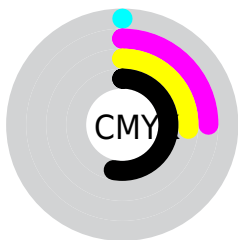
Distribution



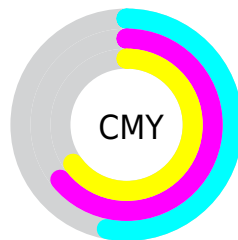
- Red (47%)
- Green (36%)
- Blue (35%)



- Red (47%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (53%)



- Cyan (53%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.8560, -4.8590, 18.5433 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 99.8560, -4.8590, 18.5433 by changing the saturation by 10% instead.

■ 99.8560, -4.8590,
18.5433

■ 99.8560, -4.8590,
18.5433

■ 255.0000, 0.0000,
0.0000

■ 75.6710, -4.2748,
17.8285

■ 150.7530, -5.3012,
20.3876

■ 53.0730, -3.9800,
16.5990

■ 177.9380, -5.8854,
21.1024

■ 31.1760, -3.5378,
14.7546

■ 205.2370, -6.0328,
21.7172

■ 8.6710, -4.2748,
17.8285

■ 232.3400, -5.5906,
19.8728

■ 0.0000, 0.0000,
0.0000

■ 252.6690, -1.3158,
2.0443

■ 99.8560, -4.8590,
18.5433

■ 99.8560, -4.8590,
18.5433

■ 91.4440, -6.6279,
25.9206

■ 108.2680, -3.0901,
11.1660

■ 83.6190, -8.6862,
32.7831

■ 116.0930, -1.0318,
4.3034

■ 75.2070, -10.4551,
40.1605

■ 124.5050, 0.7370,
-3.0739

■ 66.7950, -12.2239,
47.5378

■ 132.9170, 2.5059,
-10.4512

■ 58.3830, -13.9928,
54.9151

■ 141.4430, 4.7116,
-17.9285

■ 50.4440, -16.4879,
61.8776

■ 149.2680, 6.7699,
-24.7910

■ 42.0320, -18.2568,
69.2549

■ 157.6800, 8.5388,
-32.1684

■ 38.5270, -18.9938,

■ 166.0920, 10.3076,

72.3288

-39.5457

■ 173.9170, 12.3659,
-46.4082

Harmonies

Analogous

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



100.5120, 0.2406, 16.2140



99.8560, -4.8590, 18.5433



98.8080, -8.7793, 15.9544

Triad

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



99.8560, -4.8590, 18.5433



95.5660, -5.2090, -9.2664



97.1970, 11.2419, -12.4508

Complementary

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



99.8560, -4.8590, 18.5433



111.1440, 4.8590, -18.5433

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.



95.0990, 9.8112, -20.2578



99.8560, -4.8590, 18.5433



94.1180, 0.9278, -17.6435

Square

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



99.8560, -4.8590, 18.5433



96.5950, -9.1673, 0.3552



93.8770, 6.4696, -21.8171



98.8070, 9.4621, -1.5847

Rectangle

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



99.8560, -4.8590, 18.5433



98.7320, -10.2209, 11.6360



93.8770, 6.4696, -21.8171



96.1750, 11.2527, -15.9395

Sweetspot

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



99.8560, -4.8590, 18.5433



149.4740, -2.2057, 7.4773



102.6890, 8.5343, 16.0587



73.3920, -1.1793, 4.9182



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



99.8560, -4.8590, 18.5433



124.8250, -7.8017, 29.0945



108.6610, -9.1999, 10.8213



56.7940, -0.8844, 3.6887



39.7230, -19.5834, 74.7879



80.0440, -39.4617, 150.8054

Inverse Universe

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



111.1440, 4.8590, -18.5433



142.7620, 7.5123, -29.6093



102.3390, 9.1999, -10.8213



59.2060, 0.8844, -3.6887



85.2770, 19.5834, -74.7879



171.9560, 39.4617, -150.8054

Previews

White Background



This preview shows how the YUV color 99.8560, -4.8590, 18.5433 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 99.8560, -4.8590, 18.5433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

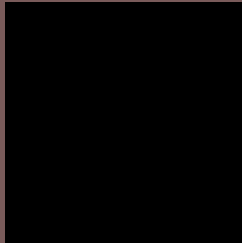
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.8560, -4.8590, 18.5433

Background



This preview shows how black text looks on a background with the YUV color 99.8560, -4.8590, 18.5433.



This preview shows how white text looks on a background with the YUV color 99.8560, -4.8590,

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

99.8560, -4.8590, 18.5433

Protanopia

98.4410, -2.1894, 2.2442

Deuteranopia

99.1000, -4.9793, 10.4363



Tritanopia

100.3660, -1.6594, 18.9730

Trichromacy



Original Color

99.8560, -4.8590, 18.5433

Protanomaly

98.6590, -2.7899, 8.1921

Deuteranomaly

99.7090, -5.2795, 13.4102

Tritanomaly

100.0240, -2.9698, 19.2730

Monochromacy



Original Color

99.8560, -4.8590, 18.5433

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1750, -2.0583, 6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8560, -4.8590, 18.5433 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(121, 91, 90)` looks like.

```
.text, #text, p{  
    color:rgb(121, 91, 90)  
}
```

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(121, 91, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 91, 90) }
```

Border

The CSS property to change the border of an element to YUV 99.8560, -4.8590, 18.5433 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(121, 91, 90) }
```


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

```
.border{ border-color:rgb(121, 91, 90) }
```

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

Here you see how a box with a 4 pixel rgb(121, 91, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 91, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 91, 90);  
box-shadow:4px 4px 4px 4px rgb(121, 91,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 99.8560, -4.8590, 18.5433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 91, 90) }
```

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

```
.background{ background-color: rgb(121, 91,  
90) }
```

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