

Converting Colors

YUV(98.6390, -2.2870, 33.6426)

Have a look what the booklet for
YUV(98.6390, -2.2870, 33.6426)
contains.

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Color

**YUV(98.6390, -2.2870,
33.6426)**

Conversions

Conversions Part 1

Format	Color
Hex	89505E
RGB	137, 80, 94
RGB Percent	54%, 31%, 37%
CMY	0.4627, 0.6863, 0.6314
CMYK	0.00, 0.42, 0.31, 0.46
HSL	345°, 26%, 43%
HSV	345°, 42%, 54%
XYZ	15.2056, 11.8638, 12.0782
YIQ	98.6390, 29.4780, 16.4380

Conversions

Conversions Part 2

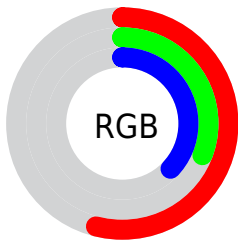
Format	Color
RYB	137, 80, 94
Decimal	8999006
CIELab	41.00, 25.75, 2.18
CIElCh	41, 25.837, 4.833
Yxy	11.8638, 0.3884, 0.3031
Android (android.graphics.Color)	4287189086 (0xFF89505E)
YUV	98.6390, -2.2870, 33.6426
Hunter-Lab	34.4439, 18.5235, 3.3199

Details

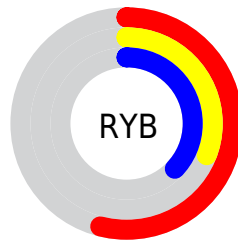
The YUV color **98.6390, -2.2870, 33.6426** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **118.3610, 2.2870, -33.6426**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1340, -3.0241, 36.7165**, and **50.2580, -1.1132, 30.4687** is the 20% darker color. If you saturate the color by 10%, you get **89.2810, -2.6035, 41.8496**, and if you desaturate by 10%, it is **107.9970, -1.9705, 25.4356**.

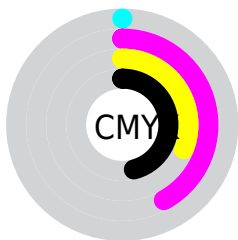
Distribution



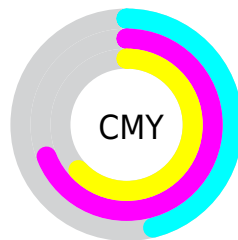
- Red (54%)
- Green (31%)
- Blue (37%)



- Red (54%)
- Yellow (31%)
- Blue (37%)



- Cyan (0%)
- Magenta (42%)
- Yellow (31%)
- Black (46%)



- Cyan (46%)
- Magenta (69%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.6390, -2.2870, 33.6426 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 98.6390, -2.2870, 33.6426 by changing the saturation by 10% instead.

■ 98.6390, -2.2870,
33.6426

■ 98.6390, -2.2870,
33.6426

■ 255.0000, 0.0000,
0.0000

■ 74.0410, -1.9922,
32.4130

■ 150.1340, -3.0241,
36.7165

■ 50.2580, -1.1132,
30.4687

■ 177.4330, -3.1715,
37.3313

■ 26.8880, 0.0552,
29.0392

■ 205.0310, -3.4663,
38.5608

■ 12.3730, -5.6069,
25.1059

■ 226.4530, -0.2233,
25.0357

■ 0.0000, 0.0000,
0.0000

■ 246.1950, 4.3409,
7.7220

■ 98.6390, -2.2870,
33.6426

■ 98.6390, -2.2870,
33.6426

■ 89.2810, -2.6035,
41.8496

■ 107.9970, -1.9705,
25.4356

■ 80.3960, -3.6462,
49.6417

■ 116.8820, -0.9278,
17.6435

■ 71.0380, -3.9627,
57.8487

■ 126.2400, -0.6113,
9.4365

■ 61.6800, -4.2792,
66.0556

■ 135.5980, -0.2948,
1.2296

■ 52.7950, -5.3219,
73.8478

■ 144.4830, 0.7479,
-6.5626

■ 44.8390, -5.3436,
80.8252

■ 153.8410, 1.0644,
-14.7696

■ 163.1990, 1.3809,
-22.9765

■ 172.6710, 2.1342,

-31.2835

■ 181.4420, 2.7401,
-38.9756

Harmonies

Analogous

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



99.5050, 7.6390, 23.2361



98.6390, -2.2870, 33.6426



97.8210, -11.7438, 33.4830

Triad

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



98.6390, -2.2870, 33.6426



92.8300, -15.6922, -6.8669



85.5930, 23.8647, -47.8781

Complementary

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



98.6390, -2.2870, 33.6426



118.3610, 2.2870, -33.6426

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.



76.4890, 21.4509, -67.0809



98.6390, -2.2870, 33.6426



88.7550, -5.3022, -26.0951

Square

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



98.6390, -2.2870, 33.6426



95.0880, -20.2564, 10.4468



82.8690, 8.4456, -48.9971



94.6010, 21.8887, -20.6981

Rectangle

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



98.6390, -2.2870, 33.6426



97.1210, -16.8217, 28.8349



82.8690, 8.4456, -48.9971



81.3530, 24.4760, -57.3146

Sweetspot

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



98.6390, -2.2870, 33.6426



164.1480, -1.0590, 13.0252



99.3550, 18.5590, 20.7367



80.9300, -0.4585, 7.0774



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



98.6390, -2.2870, 33.6426



118.4180, -3.6571, 53.1304



105.2610, -12.4537, 27.8351



64.3210, -0.1583, 4.1035



43.5290, -5.1908, 78.4661



1.6090, -0.3002, 2.9739

Inverse Universe

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



98.6390, -2.2870, 33.6426



118.4180, -3.6571, 53.1304



111.7390, 12.4537, -27.8351



64.3210, -0.1583, 4.1035



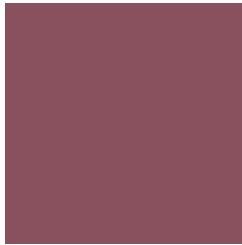
43.5290, -5.1908, 78.4661



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 98.6390, -2.2870, 33.6426 looks on a white background.

Color Contrast Check

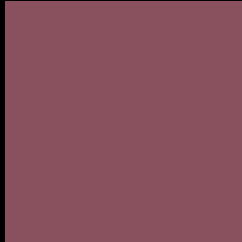
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.6390, -2.2870, 33.6426 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 98.6390, -2.2870, 33.6426

Background



This preview shows how black text looks on a background with the YUV color 98.6390, -2.2870, 33.6426.



This preview shows how white text looks on a background with the YUV color 98.6390, -2.2870,

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

98.6390, -2.2870, 33.6426

Protanopia

97.7980, 3.0576, -0.6998

Deuteranopia

98.2570, -3.0847, 9.4216



Tritanopia

98.1290, -5.4866, 33.2129

Trichromacy



Original Color

98.6390, -2.2870, 33.6426

Protanomaly

98.3050, 0.8356, 12.0105

Deuteranomaly

98.4260, -2.6750, 18.0434

Tritanomaly

98.4710, -4.1762, 32.9129

Monochromacy



Original Color

98.6390, -2.2870, 33.6426

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.8490, -0.9116, 12.4104

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6390, -2.2870, 33.6426 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(137, 80, 94)` looks like.

```
.text, #text, p{  
    color:rgb(137, 80, 94)  
}
```

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(137, 80, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 80, 94) }
```

Border

The CSS property to change the border of an element to YUV 98.6390, -2.2870, 33.6426 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(137, 80, 94) }
```


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

```
.border{ border-color:rgb(137, 80, 94) }
```

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

Here you see how a box with a 4 pixel rgb(137, 80, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 80, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 80, 94);  
box-shadow:4px 4px 4px 4px rgb(137, 80,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 98.6390, -2.2870, 33.6426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 80, 94) }
```

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

```
.background{ background-color: rgb(137, 80,  
94) }
```

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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