

Converting Colors

YUV(77.8250, -0.8997, 55.4045)

Have a look what the booklet for
YUV(77.8250, -0.8997, 55.4045)
contains.

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Color

**YUV(77.8250, -0.8997,
55.4045)**

Conversions

Conversions Part 1

Format	Color
Hex	8D2E4C
RGB	141, 46, 76
RGB Percent	55%, 18%, 30%
CMY	0.4471, 0.8196, 0.7020
CMYK	0.00, 0.67, 0.46, 0.45
HSL	341°, 51%, 37%
HSV	341°, 67%, 55%
XYZ	13.2660, 8.1385, 7.7092
YIQ	77.8250, 46.9900, 29.4700

Conversions

Conversions Part 2

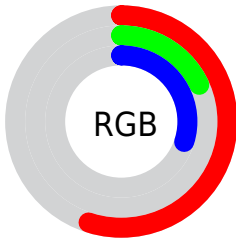
Format	Color
R_{YB}	141, 46, 76
Decimal	9252428
CIE _{Lab}	34.27, 42.68, 3.93
CIE _{LCh}	34, 42.862, 5.264
Yxy	8.1385, 0.4557, 0.2795
Android (android.graphics.Color)	4287442508 (0xFF8D2E4C)
YUV	77.8250, -0.8997, 55.4045
Hunter-Lab	28.5281, 33.0812, 3.9477

Details

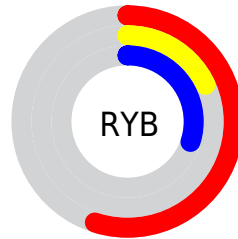
The YUV color **77.8250, -0.8997, 55.4045** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **109.1750, 0.8997, -55.4045**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9780, -2.9472, 58.7783**, and **29.3620, 1.3005, 49.6715** is the 20% darker color. If you saturate the color by 10%, you get **68.4670, -1.2162, 63.6114**, and if you desaturate by 10%, it is **87.1830, -0.5832, 47.1975**.

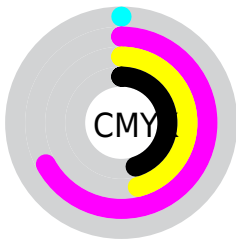
Distribution



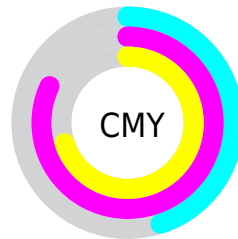
- Red (55%)
- Green (18%)
- Blue (30%)



- Red (55%)
- Yellow (18%)
- Blue (30%)



- Cyan (0%)
- Magenta (67%)
- Yellow (46%)
- Black (45%)



- Cyan (45%)
- Magenta (82%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8250, -0.8997, 55.4045 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 77.8250, -0.8997, 55.4045 by changing the saturation by 10% instead.

■ 77.8250, -0.8997,
55.4045

■ 77.8250, -0.8997,
55.4045

■ 255.0000, 0.0000,
0.0000

■ 49.8080, 1.5737,
55.4194

■ 130.9780, -2.9472,
58.7783

■ 29.3620, 1.3005,
49.6715

■ 158.0600, -3.9736,
61.3374

■ 18.8520, -5.3500,
36.0868

■ 185.0600, -3.9736,
61.3374

■ 9.6820, -4.2802,
19.5729

■ 204.6880, 0.1538,
44.1236

■ 0.0000, 0.0000,
0.0000

■ 224.3160, 4.2812,
26.9099

■ 243.8470, 5.4984,

9.7812

■ 77.8250, -0.8997,
55.4045

■ 77.8250, -0.8997,
55.4045

■ 68.4670, -1.2162,
63.6114

■ 87.1830, -0.5832,
47.1975

■ 59.2230, -1.0959,
71.7184

■ 96.4270, -0.7035,
39.0905

■ 49.8650, -1.4124,
79.9254

■ 105.7850, -0.3870,
30.8836

■ 47.2890, -1.1285,
82.1845

■ 115.1430, -0.0705,
22.6766

■ 124.9740, -0.4802,
14.0548

■ 134.3320, -0.1637,
5.8478

■ 143.6900, 0.1528,
-2.3591

■ 152.9340, 0.0325,
-10.4661

■ 162.2920, 0.3490,
-18.6731

Harmonies

Analogous

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



81.3250, 14.1368, 39.1800



77.8250, -0.8997, 55.4045



77.5630, -17.0396, 52.1262

Triad

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



77.8250, -0.8997, 55.4045



71.6260, -26.4376, -13.7040



70.1920, 35.4013, -61.5584

Complementary

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



77.8250, -0.8997, 55.4045



109.1750, 0.8997, -55.4045

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.



69.9180, 24.1974, -61.3181



77.8250, -0.8997, 55.4045



60.9920, -4.9261, -53.4900

Square

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



77.8250, -0.8997, 55.4045



75.0550, -37.0021, 14.8608



66.1560, 9.7831, -58.0188



65.7070, 41.0634, -57.6250

Rectangle

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



77.8250, -0.8997, 55.4045



77.6900, -26.4692, 43.2449



66.1560, 9.7831, -58.0188



70.0950, 32.4912, -61.4733

Sweetspot

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



77.8250, -0.8997, 55.4045



159.3170, -0.6493, 21.6470



76.2650, 31.9144, 30.4626



77.3760, -0.1854, 12.8252



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



77.8250, -0.8997, 55.4045



84.9090, -1.4341, 86.9028



84.3840, -18.9233, 49.6522



66.4350, 0.2785, 4.0035



45.2670, -1.1176, 78.6958



2.6200, -0.3057, 4.7183

Inverse Universe

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



77.8250, -0.8997, 55.4045



84.9090, -1.4341, 86.9028



102.6160, 18.9233, -49.6522



66.4350, 0.2785, 4.0035



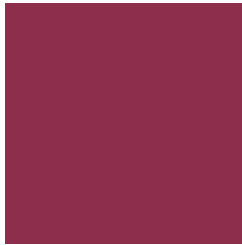
45.2670, -1.1176, 78.6958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 77.8250, -0.8997, 55.4045 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 ✓ Pass

Black Background



This preview shows how the YUV color 77.8250, -0.8997, 55.4045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

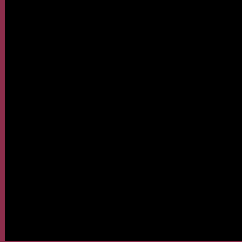
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.8250, -0.8997, 55.4045

Background



This preview shows how black text looks on a background with the YUV color 77.8250, -0.8997, 55.4045.



This preview shows how white text looks on a background with the YUV color 77.8250, -0.8997,

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

77.8250, -0.8997, 55.4045

Protanopia

82.1120, 6.8468, -2.7292

Deuteranopia

82.2740, -5.5581, 9.4067



Tritanopia

77.9530, -11.8088, 54.4152

Trichromacy



Original Color

77.8250, -0.8997, 55.4045

Protanomaly

80.5600, 4.1609, 18.8029

Deuteranomaly

80.5410, -3.7177, 25.8355

Tritanomaly

77.6910, -7.7357, 54.6450

Monochromacy



Original Color

77.8250, -0.8997, 55.4045

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7190, -0.3545, 20.4174

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8250, -0.8997, 55.4045 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(141, 46, 76)` looks like.

```
.text, #text, p{  
    color:rgb(141, 46, 76)  
}
```

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(141, 46, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 46, 76) }
```

Border

The CSS property to change the border of an element to YUV 77.8250, -0.8997, 55.4045 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(141, 46, 76) }
```


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

```
.border{ border-color:rgb(141, 46, 76) }
```

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

Here you see how a box with a 4 pixel rgb(141, 46, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 46, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 46, 76);  
box-shadow:4px 4px 4px 4px rgb(141, 46,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 77.8250, -0.8997, 55.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 46, 76) }
```

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

```
.background{ background-color: rgb(141, 46,  
76) }
```

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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