

Converting Colors

YUV(87.4270, 2.7475, 52.2455)

Have a look what the booklet for
YUV(87.4270, 2.7475, 52.2455)
contains.

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Color

**YUV(87.4270, 2.7475,
52.2455)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 93385D |
| RGB | 147, 56, 93 |
| RGB Percent | 58%, 22%, 36% |
| CMY | 0.4235, 0.7804, 0.6353 |
| CMYK | 0.00, 0.62, 0.37, 0.42 |
| HSL | 336°, 45%, 40% |
| HSV | 336°, 62%, 58% |
| XYZ | 15.4226, 9.8217, 11.4388 |
| YIQ | 87.4270, 42.3590, 30.7990 |

Conversions

Conversions Part 2

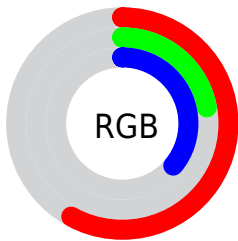
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 147, 56, 93 |
| Decimal | 9648221 |
| CIE Lab | 37.52, 42.02, -2.09 |
| CIE LCh | 38, 42.076, 357.147 |
| Yxy | 9.8217, 0.4204, 0.2677 |
| Android (android.graphics.Color) | 4287838301 (0xFF93385D) |
| YUV | 87.4270, 2.7475, 52.2455 |
| Hunter-Lab | 31.3396, 32.9976, 0.2971 |

Details

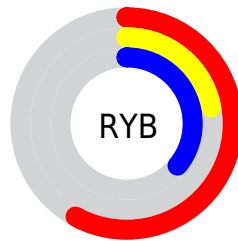
The YUV color **87.4270, 2.7475, 52.2455** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **115.5730, -2.7475, -52.2455**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6940, 1.1369, 55.5194**, and **32.8660, 6.9681, 51.8605** is the 20% darker color. If you saturate the color by 10%, you get **77.5960, 3.1572, 60.8673**, and if you desaturate by 10%, it is **97.2580, 2.3378, 43.6237**.

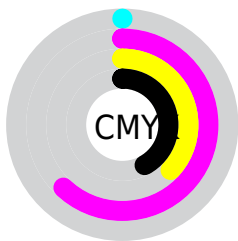
Distribution



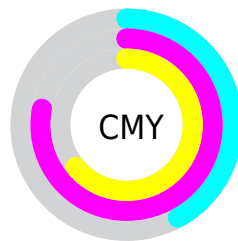
- Red (58%)
- Green (22%)
- Blue (36%)



- Red (58%)
- Yellow (22%)
- Blue (36%)



- Cyan (0%)
- Magenta (62%)
- Yellow (37%)
- Black (42%)



- Cyan (42%)
- Magenta (78%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4270, 2.7475, 52.2455 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 87.4270, 2.7475, 52.2455 by changing the saturation by 10% instead.

87.4270, 2.7475,
52.2455

87.4270, 2.7475,
52.2455

255.0000, 0.0000,
0.0000

60.4700, 4.2053,
51.3308

140.6940, 1.1369,
55.5194

32.8660, 6.9681,
51.8605

167.7050, 1.1314,
57.2637

22.8120, 2.0647,
37.8759

193.2100, 1.8685,
54.1898

13.2700, -6.0491,
26.9502

212.8380, 5.9959,
36.9761

0.0000, 0.0000,
0.0000

232.4660, 10.1233,
19.7623

249.7170, 2.6045,

4.6332

■ 87.4270, 2.7475,
52.2455

■ 87.4270, 2.7475,
52.2455

■ 77.5960, 3.1572,
60.8673

■ 97.2580, 2.3378,
43.6237

■ 68.4660, 3.7143,
68.8743

■ 106.3880, 1.7807,
35.6167

■ 58.6350, 4.1239,
77.4961

■ 116.2190, 1.3710,
26.9949

■ 50.7930, 4.5391,
84.3735

■ 126.0500, 0.9614,
18.3732

■ 135.8810, 0.5517,
9.7514

■ 145.0110, -0.0054,
1.7444

■ 154.8420, -0.4151,
-6.8774

■ 164.6730, -0.8248,
-15.4992

■ 173.9170, -0.9451,
-23.6062

Harmonies

Analogous

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



90.7800, 17.3635, 30.8879



87.4270, 2.7475, 52.2455



85.6110, -13.1192, 54.7152

Triad

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



87.4270, 2.7475, 52.2455



80.5840, -29.3749, -4.8972



75.8170, 34.1072, -66.4915

Complementary

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



87.4270, 2.7475, 52.2455



115.5730, -2.7475, -52.2455

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.



74.5000, 21.4455, -65.3365



87.4270, 2.7475, 52.2455



72.4620, -11.0738, -41.6242

Square

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



87.4270, 2.7475, 52.2455



84.1420, -35.5660, 20.9235



70.6240, 6.5944, -61.9372



72.3750, 41.2271, -63.4729

Rectangle

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



87.4270, 2.7475, 52.2455



86.2220, -23.2804, 47.1633



70.6240, 6.5944, -61.9372



75.4920, 30.3234, -66.2065

Sweetspot

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



87.4270, 2.7475, 52.2455



167.4740, 1.2453, 20.6323



82.2210, 31.9360, 23.4852



82.6040, 0.6882, 12.6253



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



87.4270, 2.7475, 52.2455



98.6570, 4.1131, 80.9848



87.9050, -15.7292, 51.8263



69.4350, 0.2785, 4.0035



47.6460, 4.1185, 79.2405



3.4460, 0.2731, 5.7479

Inverse Universe

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



87.4270, 2.7475, 52.2455



98.6570, 4.1131, 80.9848



115.0950, 15.7292, -51.8263



69.4350, 0.2785, 4.0035



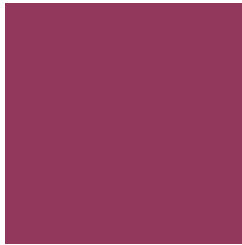
47.6460, 4.1185, 79.2405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 87.4270, 2.7475, 52.2455 looks on a white background.

Color Contrast Check

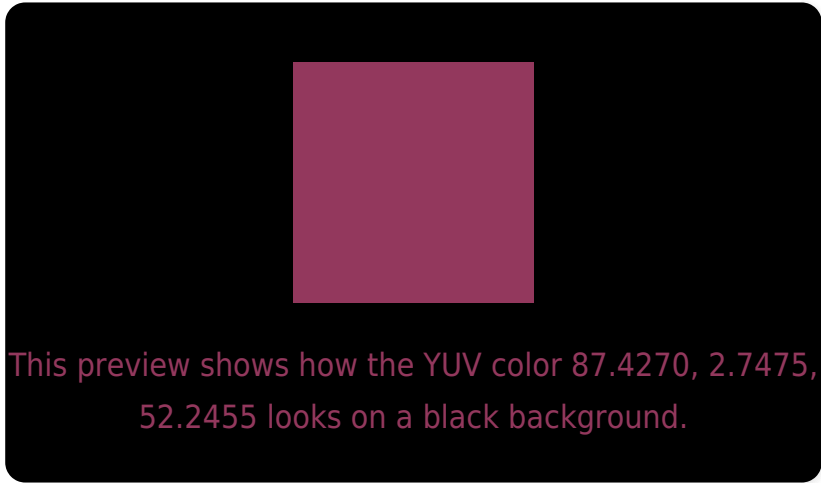
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

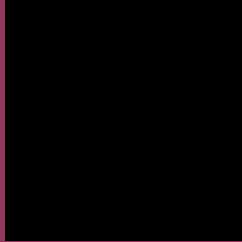
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.4270, 2.7475, 52.2455

Background



This preview shows how black text looks on a background with the YUV color 87.4270, 2.7475, 52.2455.



This preview shows how white text looks on a background with the YUV color 87.4270, 2.7475,

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

87.4270, 2.7475, 52.2455

Protanopia

89.3550, 11.6570, -5.5733

Deuteranopia

89.8160, -0.8953, 7.1774



Tritanopia

87.2730, -10.4876, 50.6266

Trichromacy



Original Color

87.4270, 2.7475, 52.2455

Protanomaly

88.3900, 8.6817, 15.4440

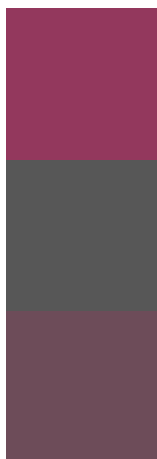
Deuteranomaly

88.9690, 0.5083, 23.7062

Tritanomaly

87.5380, -5.6882, 51.2712

Monochromacy



Original Color

87.4270, 2.7475, 52.2455

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.3490, 0.8139, 18.9879

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4270, 2.7475, 52.2455 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(147, 56, 93)` looks like.

```
.text, #text, p{  
    color:rgb(147, 56, 93)  
}
```

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(147, 56, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 56, 93) }
```

Border

The CSS property to change the border of an element to YUV 87.4270, 2.7475, 52.2455 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(147, 56, 93) }
```


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

```
.border{ border-color:rgb(147, 56, 93) }
```

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

Here you see how a box with a 4 pixel rgb(147, 56, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 56, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 56, 93);  
box-shadow:4px 4px 4px 4px rgb(147, 56,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 87.4270, 2.7475, 52.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 56, 93) }
```

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

```
.background{ background-color: rgb(147, 56,  
93) }
```

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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