

Converting Colors

YUV(93.4970, -0.2450, 32.0131)

Have a look what the booklet for
YUV(93.4970, -0.2450, 32.0131)
contains.

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Color

**YUV(93.4970, -0.2450,
32.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	824B5D
RGB	130, 75, 93
RGB Percent	51%, 29%, 36%
CMY	0.4902, 0.7059, 0.6353
CMYK	0.00, 0.42, 0.28, 0.49
HSL	340°, 27%, 40%
HSV	340°, 42%, 51%
XYZ	13.6978, 10.5683, 11.6739
YIQ	93.4970, 27.0020, 17.2580

Conversions

Conversions Part 2

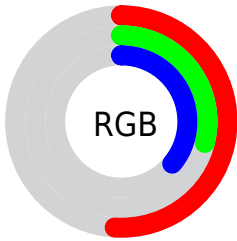
Format	Color
R_{YB}	130, 75, 93
Decimal	8538973
CIE Lab	38.84, 25.75, -0.45
CIE LCh	39, 25.753, 358.988
Yxy	10.5683, 0.3811, 0.2941
Android (android.graphics.Color)	4286729053 (0xFF824B5D)
YUV	93.4970, -0.2450, 32.0131
Hunter-Lab	32.5089, 18.3212, 1.4654

Details

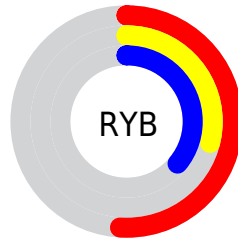
The YUV color **93.4970, -0.2450, 32.0131** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111.5030, 0.2450, -32.0131**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6930, -0.8346, 34.4722**, and **46.0020, 0.4920, 28.9392** is the 20% darker color. If you saturate the color by 10%, you get **84.8400, -0.4141, 39.6053**, and if you desaturate by 10%, it is **102.1540, -0.0759, 24.4209**.

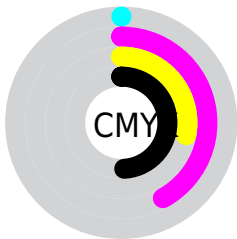
Distribution



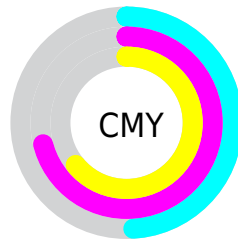
- Red (51%)
- Green (29%)
- Blue (36%)



- Red (51%)
- Yellow (29%)
- Blue (36%)



- Cyan (0%)
- Magenta (42%)
- Yellow (28%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4970, -0.2450, 32.0131 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 93.4970, -0.2450, 32.0131 by changing the saturation by 10% instead.

93.4970, -0.2450,
32.0131

93.4970, -0.2450,
32.0131

255.0000, 0.0000,
0.0000

68.8990, 0.0498,
30.7836

144.6930, -0.8346,
34.4722

46.0020, 0.4920,
28.9392

171.7040, -0.8401,
36.2166

22.1590, 2.3866,
27.9246

199.0030, -0.9875,
36.8314

10.5790, -4.7224,
21.4172

222.8170, 1.0762,
28.2245

0.0000, 0.0000,
0.0000

242.4450, 5.2036,
11.0107

■ 93.4970, -0.2450,
32.0131

■ 93.4970, -0.2450,
32.0131

■ 84.8400, -0.4141,
39.6053

■ 102.1540, -0.0759,
24.4209

■ 76.2970, -0.1464,
47.0975

■ 110.6970, -0.3436,
16.9287

■ 67.6400, -0.3155,
54.6897

■ 119.3540, -0.1745,
9.3365

■ 58.9830, -0.4846,
62.2819

■ 128.0110, -0.0054,
1.7444

■ 50.3260, -0.6537,
69.8741

■ 136.6680, 0.1637,
-5.8478

■ 43.7720, -0.3806,
75.6220

■ 145.2110, -0.1040,
-13.3400

■ 153.8680, 0.0651,
-20.9322

■ 162.5250, 0.2342,

-28.5244

■ 171.1820, 0.4033,
-36.1166

Harmonies

Analogous

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



94.2380, 9.2497, 19.9623



93.4970, -0.2450, 32.0131



92.5760, -10.1440, 33.6978

Triad

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



93.4970, -0.2450, 32.0131



87.6240, -16.5766, -3.1782



76.1790, 25.0548, -56.2850

Complementary

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



93.4970, -0.2450, 32.0131



111.5030, 0.2450, -32.0131

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.



72.5280, 18.9667, -63.6071



93.4970, -0.2450, 32.0131



84.2070, -7.4971, -22.1065

Square

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



93.4970, -0.2450, 32.0131



90.1100, -20.2672, 13.9355



78.5060, 5.6665, -44.2938



87.6820, 22.3418, -26.0311

Rectangle

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



93.4970, -0.2450, 32.0131



91.5880, -15.0799, 30.1793



78.5060, 5.6665, -44.2938



72.6080, 24.3503, -63.6772

Sweetspot

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



93.4970, -0.2450, 32.0131



153.4900, 0.2514, 12.7253



92.3330, 18.5698, 17.2480



75.3430, -0.1691, 7.5922



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



93.4970, -0.2450, 32.0131



111.0200, -0.0099, 49.9715



96.7280, -10.7119, 29.1795



59.3210, -0.1583, 4.1035



43.0600, -0.5226, 74.4924



0.0000, 0.0000, 0.0000

Inverse Universe

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



93.4970, -0.2450, 32.0131



111.0200, -0.0099, 49.9715



108.2720, 10.7119, -29.1795



59.3210, -0.1583, 4.1035



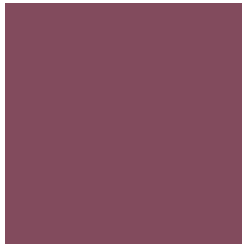
43.0600, -0.5226, 74.4924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 93.4970, -0.2450, 32.0131 looks on a white background.

Color Contrast Check

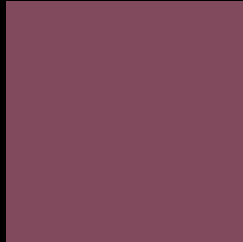
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.4970, -0.2450, 32.0131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

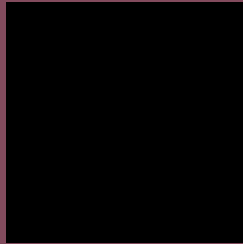
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.4970, -0.2450, 32.0131

Background



This preview shows how black text looks on a background with the YUV color 93.4970, -0.2450, 32.0131.



This preview shows how white text looks on a background with the YUV color 93.4970, -0.2450,

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

93.4970, -0.2450, 32.0131

Protanopia

92.0690, 5.3890, -1.8145

Deuteranopia

92.8160, -0.8953, 7.1774



Tritanopia

93.2320, -5.0444, 31.3685

Trichromacy



Original Color

93.4970, -0.2450, 32.0131

Protanomaly

92.5760, 3.1670, 10.8958

Deuteranomaly

93.2840, -0.6330, 16.4139

Tritanomaly

93.1010, -3.0078, 31.4834

Monochromacy



Original Color

93.4970, -0.2450, 32.0131

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7780, 0.1094, 11.5957

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4970, -0.2450, 32.0131 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(130, 75, 93)` looks like.

```
.text, #text, p{  
    color:rgb(130, 75, 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(130, 75, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 75, 93) }
```

Border

The CSS property to change the border of an element to YUV 93.4970, -0.2450, 32.0131 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(130, 75, 93) }
```


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

```
.border{ border-color:rgb(130, 75, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 75, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 75, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 75, 93);  
box-shadow:4px 4px 4px 4px rgb(130, 75,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 93.4970, -0.2450, 32.0131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 75, 93) }
```

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

```
.background{ background-color: rgb(130, 75,  
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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