

Converting Colors

YUV(93.1970, -15.3801,
33.1532)

Have a look what the booklet for
YUV(93.1970, -15.3801, 33.1532)
contains.

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Color

**YUV(93.1970, -15.3801,
33.1532)**

Conversions

Conversions Part 1

Format	Color
Hex	83503E
RGB	131, 80, 62
RGB Percent	51%, 31%, 24%
CMY	0.4863, 0.6863, 0.7569
CMYK	0.00, 0.39, 0.53, 0.49
HSL	16°, 36%, 38%
HSV	16°, 53%, 51%
XYZ	13.0982, 10.9104, 5.9730
YIQ	93.1970, 36.1740, 5.2140

Conversions

Conversions Part 2

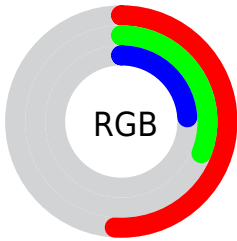
Format	Color
R_{YB}	131, 86, 62
Decimal	8605758
CIE _{Lab}	39.43, 19.34, 19.57
CIE _{LCh}	39, 27.520, 45.340
Yxy	10.9104, 0.4369, 0.3639
Android (android.graphics.Color)	4286795838 (0xFF83503E)
YUV	93.1970, -15.3801, 33.1532
Hunter-Lab	33.0309, 12.9791, 12.4002

Details

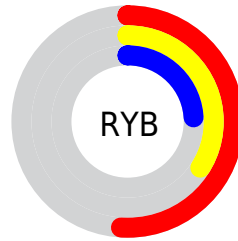
The YUV color **93.1970, -15.3801, 33.1532** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **99.8030, 15.3801, -33.1532**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4640, -16.9908, 36.4271**, and **45.4460, -13.0379, 28.5499** is the 20% darker color. If you saturate the color by 10%, you get **85.8450, -18.1646, 39.6009**, and if you desaturate by 10%, it is **100.5490, -12.5957, 26.7055**.

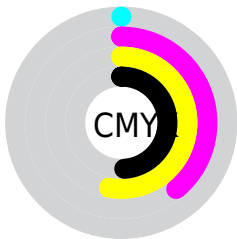
Distribution



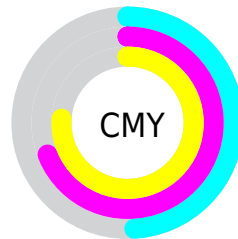
- Red (51%)
- Green (31%)
- Blue (24%)



- Red (51%)
- Yellow (34%)
- Blue (24%)



- Cyan (0%)
- Magenta (39%)
- Yellow (53%)
- Black (49%)





- Cyan (49%)
- Magenta (69%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.1970, -15.3801, 33.1532 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 93.1970, -15.3801, 33.1532 by changing the saturation by 10% instead.


 93.1970, -15.3801,
33.1532


 93.1970, -15.3801,
33.1532


255.0000, 0.0000,
0.0000


 69.1150, -14.3537,
30.5941


 144.4640,
-16.9908, 36.4271


 45.4460, -13.0379,
28.5499

 171.2470,
-17.8698, 38.3714


 23.7770, -11.7221,
26.5056

 198.7310,
-18.6014, 39.7009

 9.3830, -4.1328,
18.9581

 221.5340,
-16.5323, 29.3497

 0.0000, 0.0000,
0.0000

 241.1620,
-12.4049, 12.1359

 253.8600, -4.3680,

0.9998

■ 93.1970, -15.3801,
33.1532

■ 93.1970, -15.3801,
33.1532

■ 85.8450, -18.1646,
39.6009

■ 100.5490,
-12.5957, 26.7055

■ 79.0800, -21.2384,
45.5338

■ 107.3140, -9.5218,
20.7726

■ 71.7280, -24.0229,
51.9815

■ 114.6660, -6.7373,
14.3249

■ 64.3760, -26.8074,
58.4292

■ 122.0180, -3.9529,
7.8772

■ 59.1270, -29.1496,
63.0326

■ 128.8970, -0.4422,
1.8443

■ 136.2490, 2.3422,
-4.6034

■ 143.6010, 5.1267,
-11.0511

■ 150.3660, 8.2006,
-16.9840

■ 157.7180, 10.9850,
-23.4317

Harmonies

Analogous

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



94.0370, -5.9342, 36.8016



93.1970, -15.3801, 33.1532



92.2250, -21.3099, 21.7277

Triad

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



93.1970, -15.3801, 33.1532



82.2420, -0.6123, -37.0462



92.2430, 21.5722, -12.4911

Complementary

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



93.1970, -15.3801, 33.1532



99.8030, 15.3801, -33.1532

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.



83.1960, 26.0324, -43.1449



93.1970, -15.3801, 33.1532



73.4910, 15.0409, -64.4516

Square

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



93.1970, -15.3801, 33.1532



87.4700, -13.0497, -14.4442



74.5970, 24.3557, -65.4216



95.8610, 14.3655, 12.3999

Rectangle

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



93.1970, -15.3801, 33.1532



90.7460, -21.5668, 10.7468



74.5970, 24.3557, -65.4216



90.2310, 23.0571, -22.1276

Sweetspot

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



93.1970, -15.3801, 33.1532



156.1820, -6.0057, 12.9954



88.5590, 12.5424, 37.2208



78.0180, -3.9529, 7.8772



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



93.1970, -15.3801, 33.1532



111.7280, -24.0229, 51.9815



113.1550, -25.2194, 15.6501



62.3810, -1.1738, 3.1739



58.8280, -29.0022, 62.4178



1.4840, -0.7316, 1.3295

Inverse Universe

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



99.8030, 15.3801, -33.1532



122.2720, 24.0229, -51.9815



79.8450, 25.2194, -15.6501



63.6190, 1.1738, -3.1739



71.1720, 29.0022, -62.4178



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 93.1970, -15.3801, 33.1532 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 93.1970, -15.3801, 33.1532 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 93.1970, -15.3801, 33.1532

Background



This preview shows how black text looks on a background with the YUV color 93.1970, -15.3801, 33.1532.



This preview shows how white text looks on a background with the YUV color 93.1970, -15.3801,

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

93.1970, -15.3801, 33.1532

Protanopia

92.2430, -11.9518, 6.8029

Deuteranopia

92.5710, -16.0575, 17.0392



Tritanopia

94.4280, -5.6340, 33.8276

Trichromacy



Original Color

93.1970, -15.3801, 33.1532

Protanomaly

92.3690, -12.9999, 16.3394

Deuteranomaly

93.0170, -15.7844, 22.7871

Tritanomaly

93.8040, -9.2704, 33.4979

Monochromacy



Original Color

93.1970, -15.3801, 33.1532

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9970, -5.4215, 12.2806

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1970, -15.3801, 33.1532 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(131, 80, 62)` looks like.

```
.text, #text, p{  
    color:rgb(131, 80, 62)  
}
```

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(131, 80, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 80, 62) }
```

Border

The CSS property to change the border of an element to YUV 93.1970, -15.3801, 33.1532 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(131, 80, 62) }
```


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

```
.border{ border-color:rgb(131, 80, 62) }
```

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

Here you see how a box with a 4 pixel rgb(131, 80, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 80, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 80, 62);  
box-shadow:4px 4px 4px 4px rgb(131, 80,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 93.1970, -15.3801, 33.1532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 80, 62) }
```

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

```
.background{ background-color: rgb(131, 80,  
62) }
```

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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