

Converting Colors

YUV(99.8570, -16.1985,
62.3924)

Have a look what the booklet for
YUV(99.8570, -16.1985, 62.3924)
contains.

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Color

**YUV(99.8570, -16.1985,
62.3924)**

Conversions

Conversions Part 1

Format	Color
Hex	AB4643
RGB	171, 70, 67
RGB Percent	67%, 27%, 26%
CMY	0.3294, 0.7255, 0.7373
CMYK	0.00, 0.59, 0.61, 0.33
HSL	2°, 44%, 47%
HSV	2°, 61%, 67%
XYZ	19.9979, 13.4435, 6.8510
YIQ	99.8570, 61.1590, 20.4790

Conversions

Conversions Part 2

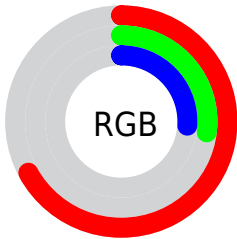
Format	Color
R_{YB}	171, 70, 67
Decimal	11224643
CIE Lab	43.42, 41.25, 22.91
CIE LCh	43, 47.181, 29.047
Yxy	13.4435, 0.4963, 0.3336
Android (android.graphics.Color)	4289414723 (0xFFAB4643)
YUV	99.8570, -16.1985, 62.3924
Hunter-Lab	36.6654, 33.1923, 14.5872

Details

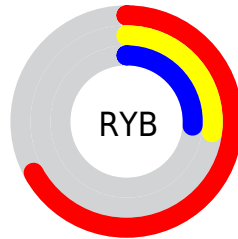
The YUV color **99.8570, -16.1985, 62.3924** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **138.1430, 16.1985, -62.3924**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7930, -19.1249, 67.7105**, and **45.3280, -10.5147, 59.3483** is the 20% darker color. If you saturate the color by 10%, you get **87.9400, -18.7044, 72.8436**, and if you desaturate by 10%, it is **111.7740, -13.6926, 51.9412**.

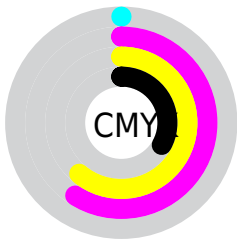
Distribution



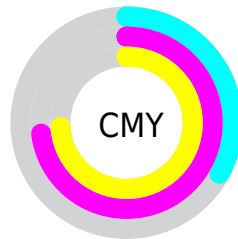
- Red (67%)
- Green (27%)
- Blue (26%)



- Red (67%)
- Yellow (27%)
- Blue (26%)



- Cyan (0%)
- Magenta (59%)
- Yellow (61%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.8570, -16.1985, 62.3924 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 99.8570, -16.1985, 62.3924 by changing the saturation by 10% instead.

■ 99.8570, -16.1985,
62.3924

■ 99.8570, -16.1985,
62.3924

255.0000, 0.0000,
0.0000

■ 73.4160, -14.0091,
60.1482

■ 153.7930,
-19.1249, 67.7105

■ 45.3280, -10.5147,
59.3483

■ 179.7820,
-19.1195, 65.9662

■ 25.4150, -12.5296,
52.2560

■ 198.5950,
-15.5763, 49.4672

■ 17.3420, -8.5496,
35.6571

■ 218.1090,
-11.8857, 32.3534

■ 7.8880, -3.3958,
15.8842

■ 238.3240, -8.0477,
14.6249

■ 0.0000, 0.0000,
0.0000

254.5440, -1.7472,

0.3999

■ 99.8570, -16.1985,
62.3924

■ 99.8570, -16.1985,
62.3924

■ 87.9400, -18.7044,
72.8436

■ 111.7740,
-13.6926, 51.9412

■ 76.6100, -21.4997,
82.7800

■ 123.1040,
-10.8973, 42.0048

■ 64.6930, -24.0056,
93.2312

■ 135.0210, -8.3914,
31.5536

■ 54.0640, -26.6536,
102.5529

■ 146.3510, -5.5960,
21.6172

■ 158.2680, -3.0901,
11.1660

■ 170.2990, -0.1474,
0.6148

■ 181.6290, 2.6479,
-9.3216

■ 193.5460, 5.1538,
-19.7728

■ 204.8760, 7.9491,
-29.7093

Harmonies

Analogous

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



101.3680, 2.2836, 61.0673



99.8570, -16.1985, 62.3924



99.5180, -32.3004, 46.9037

Triad

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



99.8570, -16.1985, 62.3924



82.6840, -11.1832, -53.2199



83.4430, 48.0956, -73.1795

Complementary

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



99.8570, -16.1985, 62.3924



138.1430, 16.1985, -62.3924

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.



87.9450, 39.9601, -77.1278



99.8570, -16.1985, 62.3924



82.4270, 8.6635, -72.2885

Square

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



99.8570, -16.1985, 62.3924



93.6500, -32.8585, -7.5861



86.8730, 25.6986, -76.1876



103.9850, 33.0384, -3.4948

Rectangle

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



99.8570, -16.1985, 62.3924



98.7690, -39.8191, 31.7746



86.8730, 25.6986, -76.1876



85.5630, 46.0644, -75.0388

Sweetspot

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



99.8570, -16.1985, 62.3924



194.5470, -6.1857, 24.0763



109.7240, 29.2231, 53.7391



95.1760, -3.5378, 14.7546



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



99.8570, -16.1985, 62.3924



111.3730, -25.3269, 97.0199



129.7940, -30.9574, 36.1377



80.6910, -1.3267, 5.5330



47.1980, -23.2686, 90.1574



7.4640, -3.6798, 13.6251

Inverse Universe

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



138.1430, 16.1985, -62.3924



170.6270, 25.3269, -97.0199



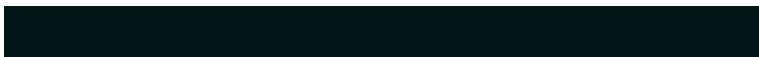
108.2060, 30.9574, -36.1377



83.7220, 1.6161, -5.0182



102.8020, 23.2686, -90.1574



15.5360, 3.6798, -13.6251

Previews

White Background



This preview shows how the YUV color 99.8570, -16.1985, 62.3924 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 99.8570, -16.1985, 62.3924 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 99.8570, -16.1985, 62.3924

Background



This preview shows how black text looks on a background with the YUV color 99.8570, -16.1985, 62.3924.



This preview shows how white text looks on a background with the YUV color 99.8570, -16.1985,

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

99.8570, -16.1985, 62.3924

Protanopia

102.5850, -10.6414, 6.5030

Deuteranopia

102.5560, -19.9941, 19.6834



Tritanopia

99.9540, -13.2883, 62.3073

Trichromacy



Original Color

99.8570, -16.1985, 62.3924

Protanomaly

101.5490, -12.5957, 26.7055

Deuteranomaly

101.4100, -18.4431, 35.5974

Tritanomaly

99.7260, -14.1619, 62.5073

Monochromacy



Original Color

99.8570, -16.1985, 62.3924

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9490, -5.8909, 22.8467

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8570, -16.1985, 62.3924 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(171, 70, 67)` looks like.

```
.text, #text, p{  
    color:rgb(171, 70, 67)  
}
```

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(171, 70, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 70, 67) }
```

Border

The CSS property to change the border of an element to YUV 99.8570, -16.1985, 62.3924 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(171, 70, 67) }
```


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

```
.border{ border-color:rgb(171, 70, 67) }
```

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

Here you see how a box with a 4 pixel rgb(171, 70, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 70, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 70, 67);  
box-shadow:4px 4px 4px 4px rgb(171, 70,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 99.8570, -16.1985, 62.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 70, 67) }
```

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

```
.background{ background-color: rgb(171, 70,  
67) }
```

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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