

Converting Colors

YUV(98.1560, -16.3459,
63.0072)

Have a look what the booklet for
YUV(98.1560, -16.3459, 63.0072)
contains.

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Color

**YUV(98.1560, -16.3459,
63.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	AA4441
RGB	170, 68, 65
RGB Percent	67%, 27%, 25%
CMY	0.3333, 0.7333, 0.7451
CMYK	0.00, 0.60, 0.62, 0.33
HSL	2°, 45%, 46%
HSV	2°, 62%, 67%
XYZ	19.5988, 13.0619, 6.4893
YIQ	98.1560, 61.7550, 20.6910

Conversions

Conversions Part 2

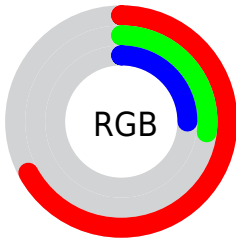
Format	Color
R_{YB}	170, 68, 65
Decimal	11158593
CIE _{Lab}	42.86, 41.70, 23.35
CIE _{LCh}	43, 47.796, 29.250
Yxy	13.0619, 0.5006, 0.3336
Android (android.graphics.Color)	4289348673 (0xFFAA4441)
YUV	98.1560, -16.3459, 63.0072
Hunter-Lab	36.1413, 33.5502, 14.6533

Details

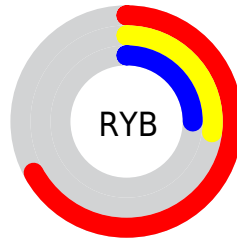
The YUV color **98.1560, -16.3459, 63.0072** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **136.8440, 16.3459, -63.0072**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0920, -19.2724, 68.3253**, and **43.0400, -10.3727, 60.4779** is the 20% darker color. If you saturate the color by 10%, you get **86.2390, -18.8518, 73.4584**, and if you desaturate by 10%, it is **110.0730, -13.8400, 52.5560**.

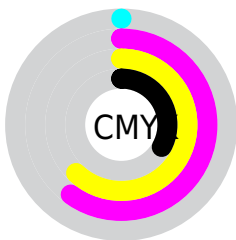
Distribution



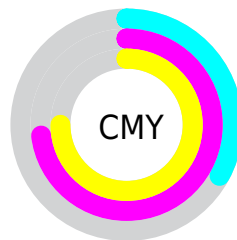
- Red (67%)
- Green (27%)
- Blue (25%)



- Red (67%)
- Yellow (27%)
- Blue (25%)



- Cyan (0%)
- Magenta (60%)
- Yellow (62%)
- Black (33%)





- Cyan (33%)
- Magenta (73%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.1560, -16.3459, 63.0072 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 98.1560, -16.3459, 63.0072 by changing the saturation by 10% instead.


 98.1560, -16.3459,
63.0072


 98.1560, -16.3459,
63.0072


255.0000, 0.0000,
0.0000


 71.7150, -14.1565,
60.7629


 152.0920,
-19.2724, 68.3253


 43.0400, -10.3727,
60.4779


 178.2660,
-19.8511, 67.2957


 25.1160, -12.3822,
51.6413

 197.1930,
-15.8711, 50.6967

 17.0430, -8.4022,
35.0423

 216.7070,
-12.1806, 33.5830

 6.8770, -3.3904,
14.1399

 236.9220, -8.3425,
15.8544

 0.0000, 0.0000,
0.0000

 254.2020, -3.0576,

0.6998

■ 98.1560, -16.3459,
63.0072

■ 98.1560, -16.3459,
63.0072

■ 86.2390, -18.8518,
73.4584

■ 110.0730,
-13.8400, 52.5560

■ 74.9090, -21.6471,
83.3948

■ 121.4030,
-11.0447, 42.6196

■ 62.9920, -24.1531,
93.8460

■ 133.3200, -8.5388,
32.1684

■ 53.7650, -26.5061,
101.9381

■ 144.6500, -5.7435,
22.2319

■ 156.5670, -3.2375,
11.7807

■ 167.8970, -0.4422,
1.8443

■ 179.8140, 2.0637,
-8.6069

■ 191.1440, 4.8590,
-18.5433

■ 203.0610, 7.3649,
-28.9945

Harmonies

Analogous

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



99.6670, 2.1362, 61.6820



98.1560, -16.3459, 63.0072



98.4040, -32.7372, 47.0037

Triad

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



98.1560, -16.3459, 63.0072



80.1890, -10.4462, -56.2938



82.7420, 47.9482, -72.5647

Complementary

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



98.1560, -16.3459, 63.0072



136.8440, 16.3459, -63.0072

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.



86.7710, 40.5389, -76.0982



98.1560, -16.3459, 63.0072



81.7260, 8.5161, -71.6737

Square

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



98.1560, -16.3459, 63.0072



92.1230, -33.5846, -8.0009



85.6990, 26.2774, -75.1580



102.5120, 33.7646, -3.0800

Rectangle

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



98.1560, -16.3459, 63.0072



96.5410, -40.6927, 31.9745



85.6990, 26.2774, -75.1580



84.9760, 46.3538, -74.5240

Sweetspot

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



98.1560, -16.3459, 63.0072



193.1450, -6.4805, 25.3058



108.1370, 29.5125, 54.2539



94.3610, -4.1220, 15.4694



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.



98.1560, -16.3459, 63.0072



109.3840, -25.3323, 98.7642



128.0930, -31.1048, 36.7524



78.3920, -1.1793, 4.9182



46.6000, -22.9738, 88.9278



6.5670, -3.2375, 11.7807

Inverse Universe

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



136.8440, 16.3459, -63.0072



170.0290, 25.6217, -98.2494



106.9070, 31.1048, -36.7524



81.6080, 1.1793, -4.9182



101.4000, 22.9738, -88.9278



14.0200, 2.9481, -12.2955

Previews

White Background



This preview shows how the YUV color 98.1560, -16.3459, 63.0072 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 98.1560, -16.3459, 63.0072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

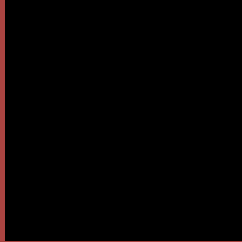
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.1560, -16.3459, 63.0072

Background



This preview shows how black text looks on a background with the YUV color 98.1560, -16.3459, 63.0072.



This preview shows how white text looks on a background with the YUV color 98.1560, -16.3459,

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

98.1560, -16.3459, 63.0072

Protanopia

101.4710, -11.0782, 6.6029

Deuteranopia

100.8550, -20.1415, 20.2982



Tritanopia

98.2530, -13.4357, 62.9221

Trichromacy



Original Color

98.1560, -16.3459, 63.0072

Protanomaly

100.4350, -13.0325, 26.8055

Deuteranomaly

99.7090, -18.5905, 36.2122

Tritanomaly

98.0250, -14.3093, 63.1221

Monochromacy



Original Color

98.1560, -16.3459, 63.0072

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9490, -5.8909, 22.8467

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.1560, -16.3459, 63.0072 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(170, 68, 65)` looks like.

```
.text, #text, p{  
    color:rgb(170, 68, 65)  
}
```

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(170, 68, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 68, 65) }
```

Border

The CSS property to change the border of an element to YUV 98.1560, -16.3459, 63.0072 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(170, 68, 65) }
```


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

```
.border{ border-color:rgb(170, 68, 65) }
```

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

Here you see how a box with a 4 pixel rgb(170, 68, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 68, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 68, 65);  
box-shadow:4px 4px 4px 4px rgb(170, 68,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 98.1560, -16.3459, 63.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 68, 65) }
```

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

```
.background{ background-color: rgb(170, 68,  
65) }
```

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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