

Converting Colors

YUV(163.0590, 0.4639, -8.8217)

Have a look what the booklet for
YUV(163.0590, 0.4639, -8.8217)
contains.

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Color

**YUV(163.0590, 0.4639,
-8.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	99A8A4
RGB	153, 168, 164
RGB Percent	60%, 66%, 64%
CMY	0.4000, 0.3412, 0.3569
CMYK	0.09, 0.00, 0.02, 0.34
HSL	164°, 8%, 63%
HSV	164°, 9%, 66%
XYZ	33.8403, 37.4579, 40.5685
YIQ	163.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

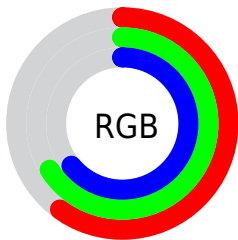
Format	Color
RYB	153, 162, 168
Decimal	10070180
CIELab	67.62, -6.05, 0.26
CIElCh	68, 6.053, 177.577
Yxy	37.4579, 0.3025, 0.3348
Android (android.graphics.Color)	4288260260 (0xFF99A8A4)
YUV	163.0590, 0.4639, -8.8217
Hunter-Lab	61.2029, -8.4086, 3.5415

Details

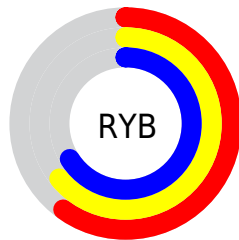
The YUV color **163.0590, 0.4639, -8.8217** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157.9410, -0.4639, 8.8217**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.7600, 0.6113, -9.4365**, and **111.3580, 0.3165, -8.2070** is the 20% darker color. If you saturate the color by 10%, you get **157.5200, 1.2226, -18.8730**, and if you desaturate by 10%, it is **168.5980, -0.2948, 1.2296**.

Distribution



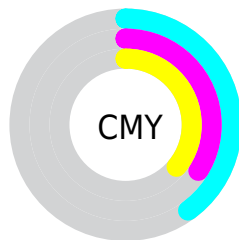
- Red (60%)
- Green (66%)
- Blue (64%)



- Red (60%)
- Yellow (64%)
- Blue (66%)



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (34%)




- Cyan (40%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.0590, 0.4639, -8.8217 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 163.0590, 0.4639, -8.8217 by changing the saturation by 10% instead.


 163.0590, 0.4639,
-8.8217

 163.0590, 0.4639,
-8.8217


255.0000, 0.0000,
0.0000


 137.0590, 0.4639,
-8.8217


 217.7600, 0.6113,
-9.4365


 111.3580, 0.3165,
-8.2070

 246.6460, 0.1745,
-9.3365

 86.7710, 0.6059,
-7.6922

 63.7710, 0.6059,
-7.6922

 41.7710, 0.6059,
-7.6922

 20.7710, 0.6059,
-7.6922

 0.0000, 0.0000,

0.0000

■ 163.0590, 0.4639,
-8.8217

■ 163.0590, 0.4639,
-8.8217

■ 157.5200, 1.2226,
-18.8730

■ 168.5980, -0.2948,
1.2296

■ 151.8670, 1.5446,
-28.8244

■ 174.2510, -0.6167,
11.1809

■ 146.6270, 2.1559,
-38.2609

■ 179.4910, -1.2281,
20.6174

■ 140.9740, 2.4778,
-48.2122

■ 185.1440, -1.5500,
30.5687

■ 135.4350, 3.2365,
-58.2635

■ 190.6830, -2.3087,
40.6200

■ 129.7820, 3.5585,
-68.2148

■ 196.3360, -2.6306,
50.5713

■ 124.2430, 4.3172,
-78.2661

■ 197.0910, -1.0309,
50.7862

■ 118.8890, 4.4917,
-87.6027

■ 197.6610, 1.1531,
50.2863

■ 113.3500, 5.2505,
-97.6539

■ 198.1170, 2.9003,
49.8864

Harmonies

Analogous

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



163.3970, -2.1677, -4.7332



163.0590, 0.4639, -8.8217



163.3300, 2.7953, -9.9364

Triad

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



163.0590, 0.4639, -8.8217



164.8520, 4.5100, 0.1298



165.2030, -4.5371, 8.5920

Complementary

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



163.0590, 0.4639, -8.8217



157.9410, -0.4639, 8.8217

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.



165.6700, -2.7953, 9.9364



163.0590, 0.4639, -8.8217



166.0160, 2.4571, 5.2480

Square

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



163.0590, 0.4639, -8.8217



164.3460, 5.2524, -4.6884



165.9410, -0.4639, 8.8217



164.6540, -5.2524, 4.6884

Rectangle

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



163.0590, 0.4639, -8.8217



163.3840, 4.2477, -9.1068



165.9410, -0.4639, 8.8217



165.6160, -4.2477, 9.1068

Sweetspot

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



163.0590, 0.4639, -8.8217



217.0920, 0.4476, -3.5887



163.0010, -4.9305, -5.2629



108.2770, -0.1366, -2.8739



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



163.0590, 0.4639, -8.8217



211.1400, 0.9170, -14.1548



161.1670, 3.3687, -7.1625



81.3800, 0.3057, -4.7183



99.1880, 4.3443, -86.9879



13.4500, 0.7642, -11.7957

Inverse Universe

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



157.9410, -0.4639, 8.8217



202.9740, -0.4802, 14.0548



159.2460, -3.0793, 7.6773



78.6200, -0.3057, 4.7183



48.6980, -4.7811, 87.0879



6.5500, -0.7641, 11.7957

Previews

White Background



This preview shows how the YUV color 163.0590, 0.4639, -8.8217 looks on a white background.

Color Contrast Check

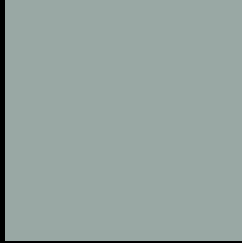
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 163.0590, 0.4639, -8.8217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

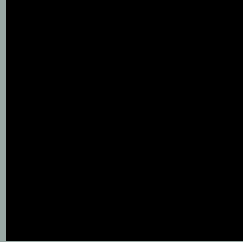
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.0590, 0.4639, -8.8217

Background



This preview shows how black text looks on a background with the YUV color 163.0590, 0.4639, -8.8217.



This preview shows how white text looks on a background with the YUV color 163.0590, 0.4639, -8.8217.

-8.8217.

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

163.0590, 0.4639, -8.8217

Protanopia

164.9680, -1.4632, 2.6591

Deuteranopia

166.0770, -0.0380, 12.2105



Tritanopia

164.4920, 7.1524, -7.4475

Trichromacy



Original Color

163.0590, 0.4639, -8.8217

Protanomaly

164.1740, -0.5788, -1.0296

Deuteranomaly

164.7340, 0.1311, 4.6183

Tritanomaly

164.2100, 4.8265, -8.0772

Monochromacy



Original Color

163.0590, 0.4639, -8.8217

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9780, 0.0108, -3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.0590, 0.4639, -8.8217 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(153, 168, 164)` looks like.

```
.text, #text, p{  
    color:rgb(153, 168, 164)  
}
```

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(153, 168, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 168, 164) }
```

Border

The CSS property to change the border of an element to YUV 163.0590, 0.4639, -8.8217 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(153, 168, 164) }
```


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

```
.border{ border-color:rgb(153, 168, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 168, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 168, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 168, 164);  
box-shadow:4px 4px 4px 4px rgb(153, 168,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 163.0590, 0.4639, -8.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 168, 164) }
```

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

```
.background{ background-color: rgb(153,  
168, 164) }
```

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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