

Converting Colors

YUV(96.9360, -5.8844, 67.5851)

Have a look what the booklet for
YUV(96.9360, -5.8844, 67.5851)
contains.

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Color

**YUV(96.9360, -5.8844,
67.5851)**

Conversions

Conversions Part 1

Format	Color
Hex	AE3C55
RGB	174, 60, 85
RGB Percent	68%, 24%, 33%
CMY	0.3176, 0.7647, 0.6667
CMYK	0.00, 0.66, 0.51, 0.32
HSL	347°, 49%, 46%
HSV	347°, 66%, 68%
XYZ	20.7111, 12.8863, 9.9900
YIQ	96.9360, 59.9190, 31.9430

Conversions

Conversions Part 2

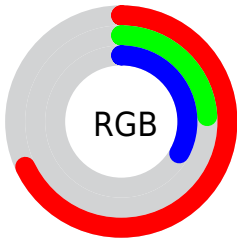
Format	Color
RYB	174, 60, 85
Decimal	11418709
CIELab	42.59, 48.33, 10.81
CIElCh	43, 49.525, 12.613
Yxy	12.8863, 0.4752, 0.2956
Android (android.graphics.Color)	4289608789 (0xFFAE3C55)
YUV	96.9360, -5.8844, 67.5851
Hunter-Lab	35.8974, 40.1654, 8.6282

Details

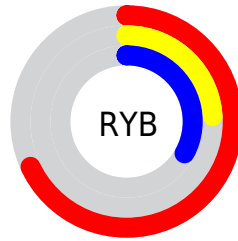
The YUV color **96.9360, -5.8844, 67.5851** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **137.0640, 5.8844, -67.5851**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1600, -8.9529, 71.7737**, and **39.2440, 0.3727, 67.3150** is the 20% darker color. If you saturate the color by 10%, you get **85.3610, -7.0800, 77.7364**, and if you desaturate by 10%, it is **108.5110, -4.6889, 57.4339**.

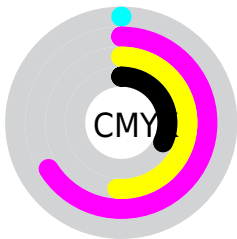
Distribution



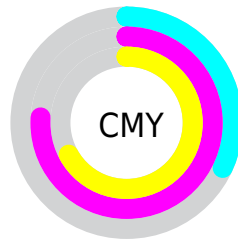
- Red (68%)
- Green (24%)
- Blue (33%)



- Red (68%)
- Yellow (24%)
- Blue (33%)



- Cyan (0%)
- Magenta (66%)
- Yellow (51%)
- Black (32%)



- Cyan (32%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.9360, -5.8844, 67.5851 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 96.9360, -5.8844, 67.5851 by changing the saturation by 10% instead.

96.9360, -5.8844,
67.5851

96.9360, -5.8844,
67.5851

255.0000, 0.0000,
0.0000

68.6200, -3.2637,
66.9853

152.1600, -8.9529,
71.7737

39.2440, 0.3727,
67.3150

177.3660, -8.0684,
68.0850

28.5920, -4.2359,
52.1008

196.1790, -4.5252,
51.5860

18.6520, -8.7024,
38.0162

216.3940, -0.6872,
33.8575

9.0840, -3.9854,
18.3433

236.1360, 3.8770,
16.5437

0.0000, 0.0000,
0.0000

■ 96.9360, -5.8844,
67.5851

■ 96.9360, -5.8844,
67.5851

■ 85.3610, -7.0800,
77.7364

■ 108.5110, -4.6889,
57.4339

■ 73.3130, -7.5493,
88.3025

■ 120.5590, -4.2196,
46.8678

■ 61.7380, -8.7448,
98.4538

■ 132.1340, -3.0241,
36.7165

■ 56.3580, -9.0505,
103.1720

■ 144.1820, -2.5547,
26.1504

■ 155.7570, -1.3592,
15.9991

■ 167.3320, -0.1637,
5.8478

■ 179.3800, 0.3057,
-4.7183

■ 190.9550, 1.5012,

-14.8695

■ 203.0030, 1.9705,
-25.4356

Harmonies

Analogous

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



100.3700, 12.6356, 54.0495



96.9360, -5.8844, 67.5851



96.9570, -24.6288, 59.6737

Triad

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



96.9360, -5.8844, 67.5851



87.6630, -25.9629, -26.0145



86.1500, 45.7750, -75.5536

Complementary

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



96.9360, -5.8844, 67.5851



137.0640, 5.8844, -67.5851

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.



86.9360, 33.5556, -76.2429



96.9360, -5.8844, 67.5851



77.8160, -1.3883, -68.2446

Square

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



96.9360, -5.8844, 67.5851



92.6710, -44.7008, 10.8125



83.7780, 16.3784, -73.4733



92.2020, 43.7774, -41.3962

Rectangle

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



96.9360, -5.8844, 67.5851



96.8940, -35.9367, 46.5740



83.7780, 16.3784, -73.4733



86.6400, 42.5755, -75.9833

Sweetspot

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



96.9360, -5.8844, 67.5851



196.5950, -2.2653, 26.6652



99.0090, 36.9706, 42.0881



96.0560, -1.5066, 16.6139



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



96.9360, -5.8844, 67.5851



105.9670, -9.3507, 106.1459



111.6960, -25.4861, 54.6406



80.9190, -0.4531, 5.3330



48.6120, -7.6967, 88.9173



7.4470, -1.2064, 13.6400

Inverse Universe

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



96.9360, -5.8844, 67.5851



105.9670, -9.3507, 106.1459



122.3040, 25.4861, -54.6406



80.9190, -0.4531, 5.3330



48.6120, -7.6967, 88.9173



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 96.9360, -5.8844, 67.5851 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 96.9360, -5.8844, 67.5851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

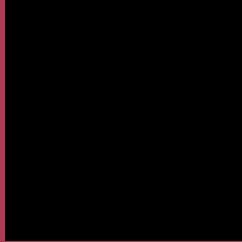
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.9360, -5.8844, 67.5851

Background



This preview shows how black text looks on a background with the YUV color 96.9360, -5.8844, 67.5851.



This preview shows how white text looks on a background with the YUV color 96.9360, -5.8844,

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

96.9360, -5.8844, 67.5851

Protanopia

101.8690, 2.0366, 0.1149

Deuteranopia

101.3410, -10.5211, 14.6099



Tritanopia

96.3460, -14.4676, 67.2256

Trichromacy



Original Color

96.9360, -5.8844, 67.5851

Protanomaly

99.9260, -0.9495, 24.6209

Deuteranomaly

99.9180, -8.8336, 33.3979

Tritanomaly

96.5570, -11.1206, 67.0405

Monochromacy



Original Color

96.9360, -5.8844, 67.5851

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2850, -2.1125, 24.3061

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9360, -5.8844, 67.5851 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(174, 60, 85)` looks like.

```
.text, #text, p{  
    color:rgb(174, 60, 85)  
}
```

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(174, 60, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 60, 85) }
```

Border

The CSS property to change the border of an element to YUV 96.9360, -5.8844, 67.5851 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(174, 60, 85) }
```


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

```
.border{ border-color:rgb(174, 60, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 60, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 60, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 60, 85);  
box-shadow:4px 4px 4px 4px rgb(174, 60,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 96.9360, -5.8844, 67.5851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 60, 85) }
```

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

```
.background{ background-color: rgb(174, 60,  
85) }
```

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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