

Converting Colors

YUV(99.9360, 3.9756, 31.6281)

Have a look what the booklet for
YUV(99.9360, 3.9756, 31.6281)
contains.

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Color

**YUV(99.9360, 3.9756,
31.6281)**

Conversions

Conversions Part 1

Format	Color
Hex	88506C
RGB	136, 80, 108
RGB Percent	53%, 31%, 42%
CMY	0.4667, 0.6863, 0.5765
CMYK	0.00, 0.41, 0.21, 0.47
HSL	330°, 26%, 42%
HSV	330°, 41%, 53%
XYZ	15.7288, 12.0543, 15.6851
YIQ	99.9360, 24.3880, 20.5800

Conversions

Conversions Part 2

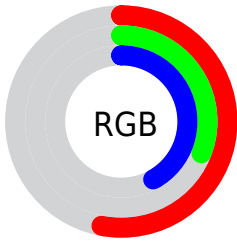
Format	Color
R_{YB}	136, 80, 108
Decimal	8933484
CIE Lab	41.30, 27.52, -6.05
CIE LCh	41, 28.172, 347.608
Yxy	12.0543, 0.3618, 0.2773
Android (android.graphics.Color)	4287123564 (0xFF88506C)
YUV	99.9360, 3.9756, 31.6281
Hunter-Lab	34.7193, 20.1067, -2.4819

Details

The YUV color **99.9360, 3.9756, 31.6281** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **116.0640, -3.9756, -31.6281**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5450, 3.6753, 34.6020**, and **51.7400, 4.5652, 29.1690** is the 20% darker color. If you saturate the color by 10%, you get **90.9200, 4.9694, 39.5352**, and if you desaturate by 10%, it is **108.9520, 2.9817, 23.7211**.

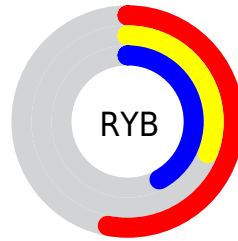
Distribution



Red (53%)

Green (31%)

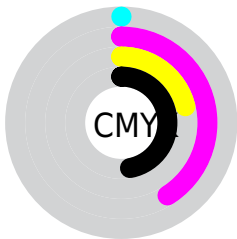
Blue (42%)



Red (53%)

Yellow (31%)

Blue (42%)

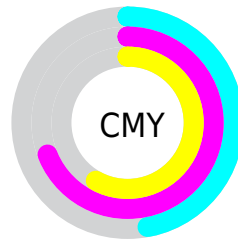


Cyan (0%)

Magenta (41%)

Yellow (21%)

Black (47%)



Cyan (47%)

Magenta (69%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.9360, 3.9756, 31.6281 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 99.9360, 3.9756, 31.6281 by changing the saturation by 10% instead.

■ 99.9360, 3.9756,
31.6281

■ 99.9360, 3.9756,
31.6281

255.0000, 0.0000,
0.0000

■ 75.3380, 4.2704,
30.3986

■ 151.5450, 3.6753,
34.6020

■ 51.7400, 4.5652,
29.1690

■ 178.8440, 3.5279,
35.2168

■ 27.6690, 5.5862,
28.3543

■ 206.5560, 3.6699,
36.3464

■ 14.1260, 2.4029,
22.6915

■ 228.2770, 6.7654,
23.4361

■ 0.0000, 0.0000,
0.0000

■ 246.1950, 4.3409,
7.7220

■ 99.9360, 3.9756,
31.6281

■ 99.9360, 3.9756,
31.6281

■ 90.9200, 4.9694,
39.5352

■ 108.9520, 2.9817,
23.7211

■ 82.4910, 5.6739,
46.9274

■ 117.3810, 2.2772,
16.3289

■ 73.5890, 7.1046,
54.7344

■ 126.2830, 0.8465,
8.5218

■ 65.1600, 7.8091,
62.1267

■ 134.7120, 0.1420,
1.1296

■ 56.1440, 8.8030,
70.0337

■ 143.7280, -0.8519,
-6.7775

■ 48.4160, 9.6549,
76.8112

■ 152.7440, -1.8458,
-14.6845

■ 161.1730, -2.5503,
-22.0767

■ 170.0750, -3.9810,

-29.8838

■ 178.5040, -4.6855,
-37.2760

Harmonies

Analogous

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



100.1710, 14.2127, 14.7590



99.9360, 3.9756, 31.6281



98.5210, -6.6659, 38.1311

Triad

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



99.9360, 3.9756, 31.6281



94.2290, -20.8189, 4.1842



77.7430, 26.2557, -68.1806

Complementary

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



99.9360, 3.9756, 31.6281



116.0640, -3.9756, -31.6281

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.



77.2240, 16.6516, -67.7254



99.9360, 3.9756, 31.6281



91.1600, -12.8969, -16.8033

Square

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



99.9360, 3.9756, 31.6281



96.3990, -21.8887, 20.6981



85.8610, 0.5615, -40.2201



88.9080, 26.1744, -42.0153

Rectangle

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



99.9360, 3.9756, 31.6281



97.6750, -13.6438, 36.2420



85.8610, 0.5615, -40.2201



77.6460, 23.3455, -68.0955

Sweetspot

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



99.9360, 3.9756, 31.6281



162.4190, 1.2724, 11.9105



94.7560, 20.3333, 11.6150



81.2720, 0.8519, 6.7775



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



99.9360, 3.9756, 31.6281



120.6160, 6.1053, 48.5718



96.7440, -8.2548, 34.4275



64.4350, 0.2785, 4.0035



47.2910, 9.2235, 75.1668



1.8370, 0.5734, 2.7740

Inverse Universe

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



99.9360, 3.9756, 31.6281



120.6160, 6.1053, 48.5718



119.2560, 8.2548, -34.4275



64.4350, 0.2785, 4.0035



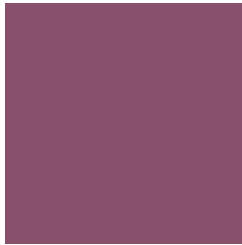
47.2910, 9.2235, 75.1668



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 99.9360, 3.9756, 31.6281 looks on a white background.

Color Contrast Check

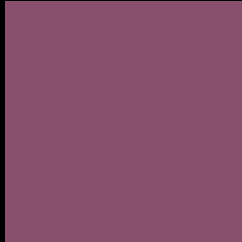
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.9360, 3.9756, 31.6281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

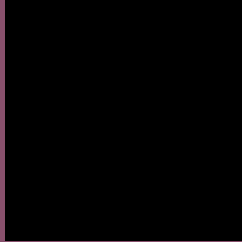
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.9360, 3.9756, 31.6281

Background



This preview shows how black text looks on a background with the YUV color 99.9360, 3.9756, 31.6281.



This preview shows how white text looks on a background with the YUV color 99.9360, 3.9756, 31.6281.

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

99.9360, 3.9756, 31.6281

Protanopia

98.3120, 10.1992, -4.6586

Deuteranopia

98.8310, 3.0413, 4.5332



Tritanopia

99.0470, -4.4602, 30.6538

Trichromacy



Original Color

99.9360, 3.9756, 31.6281

Protanomaly

99.1180, 7.8298, 8.6665

Deuteranomaly

99.5980, 3.1562, 14.3846

Tritanomaly

99.5570, -1.2606, 31.0835

Monochromacy



Original Color

99.9360, 3.9756, 31.6281

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1200, 1.4198, 11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9360, 3.9756, 31.6281 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(136, 80, 108)` looks like.

```
.text, #text, p{  
    color:rgb(136, 80, 108)  
}
```

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(136, 80, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 80, 108) }
```

Border

The CSS property to change the border of an element to YUV 99.9360, 3.9756, 31.6281 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(136, 80, 108) }
```


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

```
.border{ border-color:rgb(136, 80, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 80, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 80, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 80, 108);  
box-shadow:4px 4px 4px 4px rgb(136, 80,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 99.9360, 3.9756, 31.6281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 80, 108) }
```

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

```
.background{ background-color: rgb(136, 80,  
108) }
```

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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