

Converting Colors

YUV(93.5340, 3.6807, 32.8577)

Have a look what the booklet for
YUV(93.5340, 3.6807, 32.8577)
contains.

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Color

**YUV(93.5340, 3.6807,
32.8577)**

Conversions

Conversions Part 1

Format	Color
Hex	834965
RGB	131, 73, 101
RGB Percent	51%, 29%, 40%
CMY	0.4863, 0.7137, 0.6039
CMYK	0.00, 0.44, 0.23, 0.49
HSL	331°, 28%, 40%
HSV	331°, 44%, 51%
XYZ	14.0916, 10.5300, 13.6017
YIQ	93.5340, 25.5800, 21.0040

Conversions

Conversions Part 2

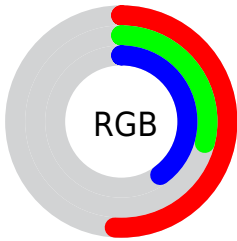
Format	Color
R_{YB}	131, 73, 101
Decimal	8604005
CIE _{Lab}	38.78, 28.52, -5.54
CIE _{LCh}	39, 29.056, 349.018
Yxy	10.5300, 0.3687, 0.2755
Android (android.graphics.Color)	4286794085 (0xFF834965)
YUV	93.5340, 3.6807, 32.8577
Hunter-Lab	32.4499, 20.7274, -2.1370

Details

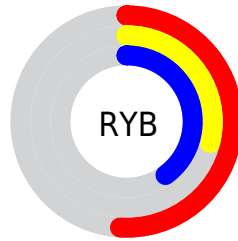
The YUV color **93.5340, 3.6807, 32.8577** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **110.4660, -3.6807, -32.8577**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.8440, 3.5279, 35.2168**, and **45.3380, 4.2704, 30.3986** is the 20% darker color. If you saturate the color by 10%, you get **85.1050, 4.3852, 40.2499**, and if you desaturate by 10%, it is **101.9630, 2.9762, 25.4654**.

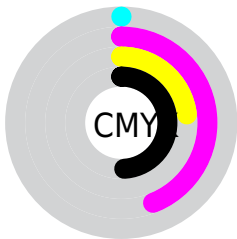
Distribution



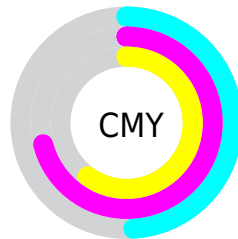
- Red (51%)
- Green (29%)
- Blue (40%)



- Red (51%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (44%)
- Yellow (23%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.5340, 3.6807, 32.8577 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 93.5340, 3.6807, 32.8577 by changing the saturation by 10% instead.

■ 93.5340, 3.6807,
32.8577

■ 93.5340, 3.6807,
32.8577

■ 255.0000, 0.0000,
0.0000

■ 68.9360, 3.9756,
31.6281

■ 144.8440, 3.5279,
35.2168

■ 45.3380, 4.2704,
30.3986

■ 171.8550, 3.5225,
36.9612

■ 21.3810, 5.7282,
29.4839

■ 199.1540, 3.3751,
37.5759

■ 11.4910, -1.2281,
20.6174

■ 222.6690, 5.5862,
28.3543

■ 0.0000, 0.0000,
0.0000

■ 241.4990, 6.6560,
11.8404

93.5340, 3.6807,
32.8577

93.5340, 3.6807,
32.8577

85.1050, 4.3852,
40.2499

101.9630, 2.9762,
25.4654

76.6760, 5.0897,
47.6421

110.3920, 2.2717,
18.0732

68.3610, 6.2310,
54.9344

118.7070, 1.1304,
10.7810

59.9320, 6.9355,
62.3266

127.1360, 0.4260,
3.3887

51.5030, 7.6400,
69.7189

136.1520, -0.5679,
-4.5183

46.3510, 8.2080,
74.2372

144.5810, -1.2724,
-11.9105

152.8960, -2.4137,
-19.2028

161.3250, -3.1182,

-26.5950

■ 169.7540, -3.8227,
-33.9873

Harmonies

Analogous

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



93.7690, 13.9179, 15.9886



93.5340, 3.6807, 32.8577



92.2930, -7.5394, 38.3310

Triad

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



93.5340, 3.6807, 32.8577



88.1040, -21.2503, 2.5398



73.6510, 25.8081, -64.5919

Complementary

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



93.5340, 3.6807, 32.8577



110.4660, -3.6807, -32.8577

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.



72.5450, 16.4933, -63.6220



93.5340, 3.6807, 32.8577



84.5620, -12.6021, -18.0329

Square

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



93.5340, 3.6807, 32.8577



89.8720, -22.6149, 20.2833



77.8820, 2.0302, -44.6235



81.2390, 27.4902, -44.0596

Rectangle

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



93.5340, 3.6807, 32.8577



91.5610, -14.0806, 36.3420



77.8820, 2.0302, -44.6235



73.5540, 22.8979, -64.5069

Sweetspot

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



93.5340, 3.6807, 32.8577



156.7180, 1.1250, 12.5253



88.5820, 20.9121, 12.6446



77.9840, 0.9939, 7.9070



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



93.5340, 3.6807, 32.8577



112.2250, 5.8051, 51.5457



90.9290, -8.8390, 35.1423



62.1360, 0.4260, 3.3887



46.0520, 8.3554, 73.6224



1.0110, -0.0054, 1.7444

Inverse Universe

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



93.5340, 3.6807, 32.8577



112.2250, 5.8051, 51.5457



113.0710, 8.8390, -35.1423



62.1360, 0.4260, 3.3887



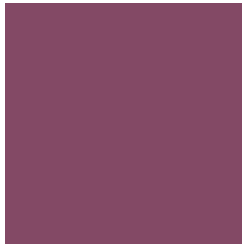
46.0520, 8.3554, 73.6224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 93.5340, 3.6807, 32.8577 looks on a white background.

Color Contrast Check

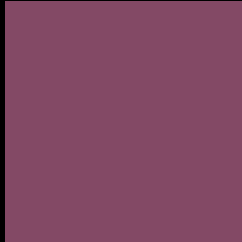
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.5340, 3.6807, 32.8577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

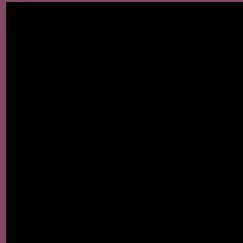
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.5340, 3.6807, 32.8577

Background



This preview shows how black text looks on a background with the YUV color 93.5340, 3.6807, 32.8577.



This preview shows how white text looks on a background with the YUV color 93.5340, 3.6807,

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

93.5340, 3.6807, 32.8577

Protanopia

92.3120, 10.1992, -4.6586

Deuteranopia

92.7170, 2.6045, 4.6332



Tritanopia

93.1180, -5.4812, 31.4685

Trichromacy



Original Color

93.5340, 3.6807, 32.8577

Protanomaly

92.5310, 8.1192, 9.1813

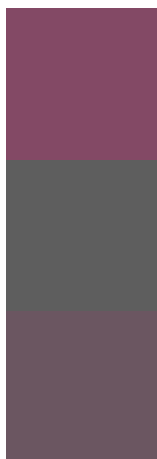
Deuteranomaly

92.8970, 3.0088, 14.9993

Tritanomaly

93.6280, -2.2816, 31.8982

Monochromacy



Original Color

93.5340, 3.6807, 32.8577

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.5330, 1.7092, 11.8106

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.5340, 3.6807, 32.8577 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(131, 73, 101)` looks like.

```
.text, #text, p{  
    color:rgb(131, 73, 101)  
}
```

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(131, 73, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 73, 101) }
```

Border

The CSS property to change the border of an element to YUV 93.5340, 3.6807, 32.8577 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(131, 73, 101) }
```


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

```
.border{ border-color:rgb(131, 73, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 73, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 73, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 73, 101);  
box-shadow:4px 4px 4px 4px rgb(131, 73,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 93.5340, 3.6807, 32.8577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 73, 101) }
```

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

```
.background{ background-color: rgb(131, 73,  
101) }
```

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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