

Converting Colors

YUV(97.3760, 63.9046, 36.5042)

Have a look what the booklet for
YUV(97.3760, 63.9046, 36.5042)
contains.

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Color

**YUV(97.3760, 63.9046,
36.5042)**

Conversions

Conversions Part 1

Format	Color
Hex	8B33E3
RGB	139, 51, 227
RGB Percent	55%, 20%, 89%
CMY	0.4549, 0.8000, 0.1098
CMYK	0.39, 0.78, 0.00, 0.11
HSL	270°, 76%, 55%
HSV	270°, 78%, 89%
XYZ	25.6964, 13.4027, 73.9057
YIQ	97.3760, -4.0480, 73.3920

Conversions

Conversions Part 2

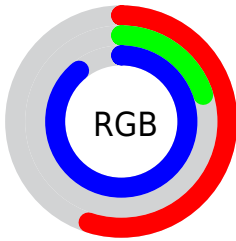
Format	Color
R_{YB}	139, 51, 227
Decimal	9122787
CIE _{Lab}	43.36, 67.43, -73.42
CIE _{LCh}	43, 99.681, 312.566
Yxy	13.4027, 0.2274, 0.1186
Android (android.graphics.Color)	4287312867 (0xFF8B33E3)
YUV	97.3760, 63.9046, 36.5042
Hunter-Lab	36.6097, 61.2227, -94.0648

Details

The YUV color **97.3760, 63.9046, 36.5042** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **180.6240, -63.9046, -36.5042**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.3800, 51.0847, 41.7627**, and **42.7020, 62.7579, 30.9563** is the 20% darker color. If you saturate the color by 10%, you get **80.5860, 72.1821, 41.5821**, and if you desaturate by 10%, it is **114.1660, 55.6272, 31.4264**.

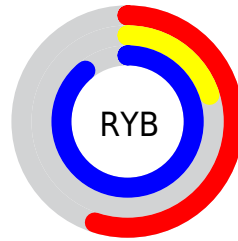
Distribution



Red (55%)

Green (20%)

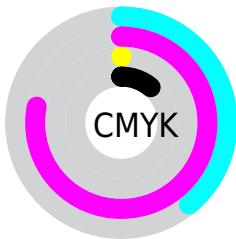
Blue (89%)



Red (55%)

Yellow (20%)

Blue (89%)

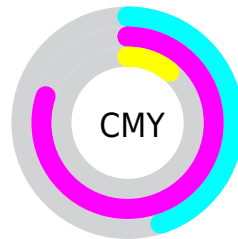


Cyan (39%)

Magenta (78%)

Yellow (0%)

Black (11%)



Cyan (45%)

Magenta (80%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3760, 63.9046, 36.5042 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 97.3760, 63.9046, 36.5042 by changing the saturation by 10% instead.

97.3760, 63.9046,
36.5042

97.3760, 63.9046,
36.5042

255.0000, 0.0000,
0.0000

64.5550, 65.7884,
38.9783

151.3800, 51.0847,
41.7627

42.7020, 62.7579,
30.9563

176.7860, 38.5595,
45.7917

29.4580, 55.9762,
12.7533

200.9960, 26.6240,
47.3615

13.2240, 50.6686,
-11.5974

217.4320, 18.5210,
32.9471

10.3740, 39.7486,
-9.0980

234.4550, 10.1287,
18.0180

11.6330, 26.8029,
-10.2021

251.4780, 1.7363,

6.6630, 17.9141,

3.0888

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 97.3760, 63.9046,
36.5042

■ 97.3760, 63.9046,
36.5042

■ 80.5860, 72.1821,
41.5821

■ 114.1660, 55.6272,
31.4264

■ 64.0840, 80.3176,
45.5303

■ 130.6680, 47.4917,
27.4782

■ 59.9640, 82.3487,
47.3896

■ 147.4580, 39.2142,
22.4003

■ 164.2480, 30.9367,
17.3225

■ 180.7500, 22.8012,
13.3742

■ 197.5400, 14.5238,
8.2964

■ 214.3300, 6.2463,
3.2186

■ 231.4190, -2.1786,
-1.2445

■ 247.6220,
-10.1666, -5.8075

Harmonies

Analogous

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



90.1180, 81.2868, -79.0335



97.3760, 63.9046, 36.5042



82.7380, 35.1322, 118.6248

Triad

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



97.3760, 63.9046, 36.5042



95.9960, -47.3260, 59.6395



93.6890, 21.3523, -82.1653

Complementary

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



97.3760, 63.9046, 36.5042



180.6240, -63.9046, -36.5042

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.



81.7820, -16.6545, -71.7228



97.3760, 63.9046, 36.5042



92.3770, -45.5419, 0.5464

Square

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



97.3760, 63.9046, 36.5042



63.9860, -31.5451, 131.5623



72.7880, -35.8845, -63.8351



102.5810, 55.4226, -89.9635

Rectangle

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



97.3760, 63.9046, 36.5042



81.9640, 8.8917, 135.0896



72.7880, -35.8845, -63.8351



89.7960, 8.9746, -78.7511

Sweetspot

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



97.3760, 63.9046, 36.5042



211.6960, 21.3489, 12.5446



122.7200, 51.4100, -62.8984



101.4860, 13.0714, 7.4668



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



97.3760, 63.9046, 36.5042



80.3000, 86.1271, 48.8489



123.6880, 50.9328, 90.6046



106.1620, 4.3571, 2.4889



47.0170, 65.0676, 36.8191



13.5880, 18.4441, 10.8853

Inverse Universe

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



113.6560, 12.4946, 99.4027



102.3150, 16.6067, 133.9047



154.3120, -50.9328, -90.6046



107.2720, 0.8519, 6.7775



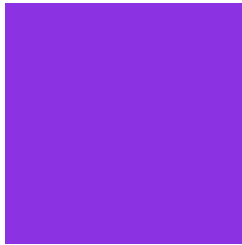
63.6670, 12.4892, 101.1470



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 97.3760, 63.9046, 36.5042 looks on a white background.

Color Contrast Check

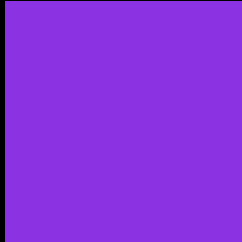
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.3760, 63.9046, 36.5042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

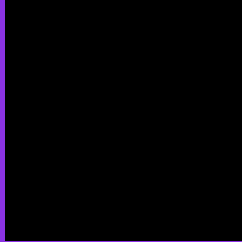
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.3760, 63.9046, 36.5042

Background



This preview shows how black text looks on a background with the YUV color 97.3760, 63.9046, 36.5042.



This preview shows how white text looks on a background with the YUV color 97.3760, 63.9046,

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

97.3760, 63.9046, 36.5042

Protanopia

81.9390, 62.6411, -71.8605

Deuteranopia

82.2690, 48.6744, -72.1499



Tritanopia

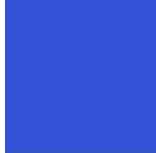
103.6960, 1.1359, 9.0366

Trichromacy



Original Color

97.3760, 63.9046, 36.5042



Protanomaly

88.0070, 63.1005, -32.4551



Deuteranomaly

87.7160, 54.3700, -32.1999



Tritanomaly

101.4240, 23.9480, 18.9222

Monochromacy



Original Color

97.3760, 63.9046, 36.5042



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

96.8640, 23.2380, 13.2743

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3760, 63.9046, 36.5042 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(139, 51, 227)` looks like.

```
.text, #text, p{  
    color:rgb(139, 51, 227)  
}
```

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(139, 51, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 51, 227) }
```

Border

The CSS property to change the border of an element to YUV 97.3760, 63.9046, 36.5042 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(139, 51, 227) }
```


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

```
.border{ border-color:rgb(139, 51, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 51, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 51, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 51, 227);  
box-shadow:4px 4px 4px 4px rgb(139, 51,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 97.3760, 63.9046, 36.5042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 51, 227) }
```

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

```
.background{ background-color: rgb(139, 51,  
227) }
```

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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