

Converting Colors

YUV(123.3940, 16.0748,
24.2105)

Have a look what the booklet for
YUV(123.3940, 16.0748, 24.2105)
contains.

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Color

**YUV(123.3940, 16.0748,
24.2105)**

Conversions

Conversions Part 1

Format	Color
Hex	97679C
RGB	151, 103, 156
RGB Percent	59%, 40%, 61%
CMY	0.4078, 0.5961, 0.3882
CMYK	0.03, 0.34, 0.00, 0.39
HSL	294°, 21%, 51%
HSV	294°, 34%, 61%
XYZ	23.6135, 18.6801, 33.8135
YIQ	123.3940, 11.5950, 26.6590

Conversions

Conversions Part 2

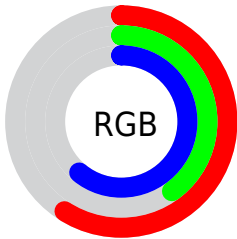
Format	Color
R_{YB}	151, 103, 156
Decimal	9922460
CIE _{Lab}	50.31, 28.50, -21.11
CIE _{LCh}	50, 35.467, 323.475
Yxy	18.6801, 0.3103, 0.2454
Android (android.graphics.Color)	4288112540 (0xFF97679C)
YUV	123.3940, 16.0748, 24.2105
Hunter-Lab	43.2205, 21.8876, -16.1312

Details

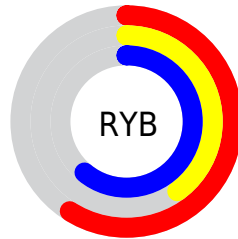
The YUV color **123.3940, 16.0748, 24.2105** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.6060, -16.0748, -24.2105**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6330, 16.9429, 25.7549**, and **73.8560, 15.3540, 22.0513** is the 20% darker color. If you saturate the color by 10%, you get **113.7030, 20.8524, 31.8325**, and if you desaturate by 10%, it is **133.0850, 11.2971, 16.5885**.

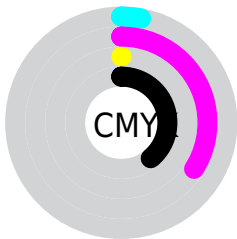
Distribution



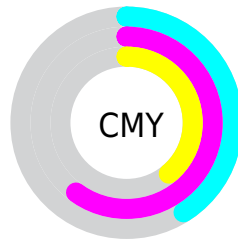
- Red (59%)
- Green (40%)
- Blue (61%)



- Red (59%)
- Yellow (40%)
- Blue (61%)



- Cyan (3%)
- Magenta (34%)
- Yellow (0%)
- Black (39%)



- Cyan (41%)
- Magenta (60%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.3940, 16.0748, 24.2105 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 123.3940, 16.0748, 24.2105 by changing the saturation by 10% instead.

■ 123.3940, 16.0748,
24.2105

■ 123.3940, 16.0748,
24.2105

■ 255.0000, 0.0000,
0.0000

■ 97.9810, 15.7854,
23.6957

■ 176.6330, 16.9429,
25.7549

■ 73.8560, 15.3540,
22.0513

■ 204.0460, 17.2323,
26.2697

■ 50.0300, 14.7752,
21.0217

■ 228.5850, 13.0226,
23.1660

■ 26.4430, 15.0646,
21.5365

■ 245.0210, 4.9196,
8.7516

■ 13.9710, 10.8603,
16.6884

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 123.3940, 16.0748,
24.2105

■ 123.3940, 16.0748,
24.2105

■ 113.7030, 20.8524,
31.8325

■ 133.0850, 11.2971,
16.5885

■ 104.3000, 25.4881,
38.3249

■ 142.4880, 6.6614,
10.0960

■ 94.6090, 30.2658,
45.9469

■ 152.1790, 1.8838,
2.4740

■ 85.2060, 34.9014,
52.4393

■ 161.5820, -2.7519,
-4.0184

■ 75.5150, 39.6791,
60.0613

■ 171.2730, -7.5296,
-11.6404

■ 65.5250, 44.6042,
67.0686

■ 181.2630,
-12.4547, -18.6477

■ 59.9430, 47.3561,
71.0870

■ 190.3670,
-16.9429, -25.7549

■ 200.3570,
-21.8680, -32.7621

■ 209.4610,
-26.3563, -39.8693

Harmonies

Analogous

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



120.3560, 26.9395, -7.3282



123.3940, 16.0748, 24.2105



122.6710, 2.6272, 44.1385

Triad

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



123.3940, 16.0748, 24.2105



117.8740, -29.0249, 22.9125



95.5470, 23.3943, -83.7947

Complementary

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



123.3940, 16.0748, 24.2105



135.6060, -16.0748, -24.2105

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.



99.4880, 6.1684, -65.3260



123.3940, 16.0748, 24.2105



114.9420, -25.6074, 0.0509

Square

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



123.3940, 16.0748, 24.2105



119.4770, -23.4062, 40.8007



110.5670, -13.5905, -27.6843



96.5220, 34.7457, -84.6498

Rectangle

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



123.3940, 16.0748, 24.2105



120.8860, -6.8458, 49.2120



110.5670, -13.5905, -27.6843



94.4070, 19.0263, -82.7949

Sweetspot

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



123.3940, 16.0748, 24.2105



191.6620, 6.0826, 9.0664



111.9770, 21.7033, -7.8728



94.6570, 3.6201, 5.5628



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



123.3940, 16.0748, 24.2105



152.3000, 25.4881, 38.3249



122.4950, 6.1650, 29.3839



74.0050, 2.4625, 3.5036



54.8730, 43.4466, 65.0094



5.8960, 4.4883, 7.1072

Inverse Universe

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



119.4170, -5.6286, 32.0833



146.0280, -8.8878, 50.8414



136.5050, -6.1650, -29.3839



73.5060, -0.7425, 4.8182



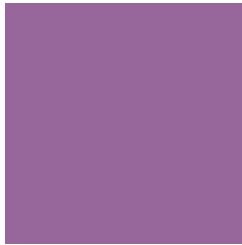
44.2390, -15.4008, 86.6134



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 123.3940, 16.0748, 24.2105 looks on a white background.

Color Contrast Check

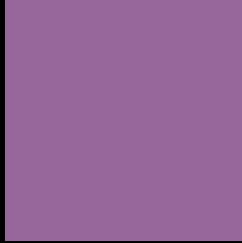
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 123.3940, 16.0748, 24.2105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

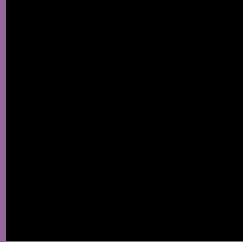
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.3940, 16.0748, 24.2105

Background



This preview shows how black text looks on a background with the YUV color 123.3940, 16.0748, 24.2105.



This preview shows how white text looks on a background with the YUV color 123.3940, 16.0748,

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

123.3940, 16.0748, 24.2105

Protanopia

119.8130, 23.7562, -12.9910

Deuteranopia

120.7940, 15.8776, -5.9583



Tritanopia

121.7900, -1.3755, 21.2322

Trichromacy



Original Color

123.3940, 16.0748, 24.2105

Protanomaly

121.5050, 20.9500, 0.4341

Deuteranomaly

121.8600, 15.8450, 4.5078

Tritanomaly

122.1090, 4.8763, 22.7064

Monochromacy



Original Color

123.3940, 16.0748, 24.2105

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2490, 5.7932, 8.5516

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3940, 16.0748, 24.2105 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(151, 103, 156)` looks like.

```
.text, #text, p{  
    color:rgb(151, 103, 156)  
}
```

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(151, 103, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 103, 156) }
```

Border

The CSS property to change the border of an element to YUV 123.3940, 16.0748, 24.2105 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(151, 103, 156) }
```


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

```
.border{ border-color:rgb(151, 103, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 103, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 103, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 103, 156); box-shadow:4px 4px 4px 4px rgb(151, 103, 156) }
```

Background

The CSS property to change the background color of an element to YUV 123.3940, 16.0748, 24.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 103, 156) }
```

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

```
.background{ background-color: rgb(151,  
103, 156) }
```

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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