

Converting Colors

YUV(99.9640, 21.7097, 36.8656)

Have a look what the booklet for
YUV(99.9640, 21.7097, 36.8656)
contains.

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Color

**YUV(99.9640, 21.7097,
36.8656)**

Conversions

Conversions Part 1

Format	Color
Hex	8E4690
RGB	142, 70, 144
RGB Percent	56%, 27%, 56%
CMY	0.4431, 0.7255, 0.4353
CMYK	0.01, 0.51, 0.00, 0.44
HSL	298°, 35%, 42%
HSV	298°, 51%, 56%
XYZ	18.3795, 12.1447, 27.7610
YIQ	99.9640, 19.1580, 38.2780

Conversions

Conversions Part 2

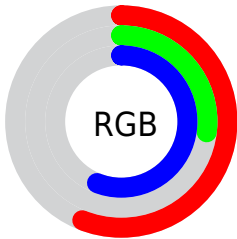
Format	Color
RYB	142, 70, 144
Decimal	9324176
CIELab	41.45, 41.53, -27.78
CIELCh	41, 49.961, 326.222
Yxy	12.1447, 0.3153, 0.2084
Android (android.graphics.Color)	4287514256 (0xFF8E4690)
YUV	99.9640, 21.7097, 36.8656
Hunter-Lab	34.8493, 33.1548, -22.8361

Details

The YUV color **99.9640, 21.7097, 36.8656** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **114.0360, -21.7097, -36.8656**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5020, 22.4305, 39.0247**, and **47.7790, 22.2940, 36.1508** is the 20% darker color. If you saturate the color by 10%, you get **91.7460, 25.7612, 44.0728**, and if you desaturate by 10%, it is **108.1820, 17.6583, 29.6584**.

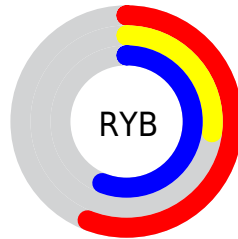
Distribution



Red (56%)

Green (27%)

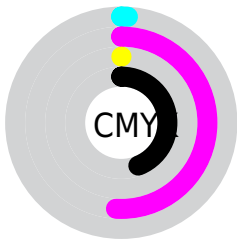
Blue (56%)



Red (56%)

Yellow (27%)

Blue (56%)

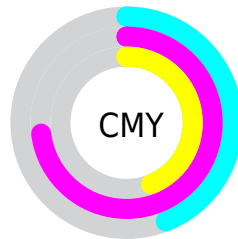


Cyan (1%)

Magenta (51%)

Yellow (0%)

Black (44%)



Cyan (44%)

Magenta (73%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.9640, 21.7097, 36.8656 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 99.9640, 21.7097, 36.8656 by changing the saturation by 10% instead.

99.9640, 21.7097,
36.8656

99.9640, 21.7097,
36.8656

255.0000, 0.0000,
0.0000

74.2520, 21.5678,
35.7360

152.5020, 22.4305,
39.0247

47.7790, 22.2940,
36.1508

180.2140, 22.5725,
40.1543

27.0020, 20.7050,
32.4472

208.0400, 23.1513,
41.1839

17.9160, 14.3384,
21.1217

224.4760, 15.0483,
26.7695

2.8500, 10.9200,
-2.4994

241.4990, 6.6560,
11.8404

0.0000, 0.0000,
0.0000

99.9640, 21.7097,
36.8656

99.9640, 21.7097,
36.8656

91.7460, 25.7612,
44.0728

108.1820, 17.6583,
29.6584

82.6420, 30.2495,
51.1800

117.2860, 13.1700,
22.5512

74.4240, 34.3010,
58.3872

125.5040, 9.1185,
15.3440

65.3200, 38.7892,
65.4944

134.6080, 4.6303,
8.2368

58.2760, 42.2619,
71.6719


142.8260, 0.5788,
1.0296

151.0440, -3.4727,
-6.1776

160.1480, -7.9610,
-13.2848

168.3660,

-12.0124, -20.4920

 177.4700,
-16.5007, -27.5992

Harmonies

Analogous

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



97.8640, 36.5490, -9.5277



99.9640, 21.7097, 36.8656



95.0740, 4.8935, 63.9561

Triad

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



99.9640, 21.7097, 36.8656



91.6560, -45.1864, 26.6117



83.8410, 24.2354, -73.5286

Complementary

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



99.9640, 21.7097, 36.8656



114.0360, -21.7097, -36.8656

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.



78.4660, 6.1793, -68.8147



99.9640, 21.7097, 36.8656



87.8800, -38.3948, -5.1568

Square

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



99.9640, 21.7097, 36.8656



93.8390, -32.4586, 51.0072



76.1030, -13.3618, -54.4643



85.2550, 39.8073, -74.7686

Rectangle

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



99.9640, 21.7097, 36.8656



93.3660, -8.0684, 68.0850



76.1030, -13.3618, -54.4643



82.3590, 18.5570, -72.2288

Sweetspot

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



99.9640, 21.7097, 36.8656



169.2650, 8.2504, 13.7996



79.6100, 31.7443, -8.4280



84.0210, 4.9196, 8.7516



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



99.9640, 21.7097, 36.8656



117.5980, 33.7222, 57.3576



96.5720, 6.1270, 41.5944



66.8910, 2.0257, 3.6036



54.5590, 39.6574, 67.0388



3.0050, 2.4625, 3.5036

Inverse Universe

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



92.3540, -10.0345, 45.2935



105.7270, -15.6414, 70.3994



117.4280, -6.1270, -41.5944



66.0930, -1.0318, 4.3034



40.8210, -18.1528, 82.5950



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 99.9640, 21.7097, 36.8656 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 99.9640, 21.7097, 36.8656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

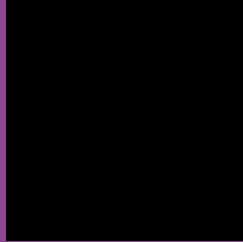
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.9640, 21.7097, 36.8656

Background



This preview shows how black text looks on a background with the YUV color 99.9640, 21.7097, 36.8656.



This preview shows how white text looks on a background with the YUV color 99.9640, 21.7097,

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

99.9640, 21.7097, 36.8656

Protanopia

95.7220, 35.1401, -24.3122

Deuteranopia

97.6020, 20.4092, -12.8060



Tritanopia

99.3460, -4.6076, 31.2686

Trichromacy



Original Color

99.9640, 21.7097, 36.8656

Protanomaly

97.6000, 30.2702, -2.2802

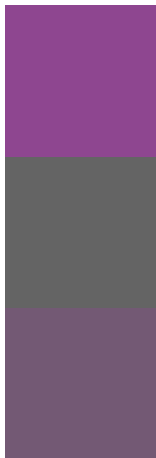
Deuteranomaly

98.2390, 21.0812, 5.0524

Tritanomaly

99.5880, 5.1331, 33.6873

Monochromacy



Original Color

99.9640, 21.7097, 36.8656

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.8520, 7.9610, 13.2848

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9640, 21.7097, 36.8656 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(142, 70, 144)` looks like.

```
.text, #text, p{  
    color:rgb(142, 70, 144)  
}
```

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(142, 70, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 70, 144) }
```

Border

The CSS property to change the border of an element to YUV 99.9640, 21.7097, 36.8656 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(142, 70, 144) }
```


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

```
.border{ border-color:rgb(142, 70, 144) }
```

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

Here you see how a box with a 4 pixel rgb(142, 70, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 70, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 70, 144);  
box-shadow:4px 4px 4px 4px rgb(142, 70,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 99.9640, 21.7097, 36.8656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 70, 144) }
```

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

```
.background{ background-color: rgb(142, 70,  
144) }
```

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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