

Converting Colors

YUV(99.1930, 37.8659, 34.9107)

Have a look what the booklet for
YUV(99.1930, 37.8659, 34.9107)
contains.

YUV(99.1930, 37.8659, 34.9107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(99.1930, 37.8659,
34.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	8B40B0
RGB	139, 64, 176
RGB Percent	55%, 25%, 69%
CMY	0.4549, 0.7490, 0.3098
CMYK	0.21, 0.64, 0.00, 0.31
HSL	280°, 47%, 47%
HSV	280°, 64%, 69%
XYZ	20.3173, 12.2903, 42.3757
YIQ	99.1930, 8.7480, 50.7320

Conversions

Conversions Part 2

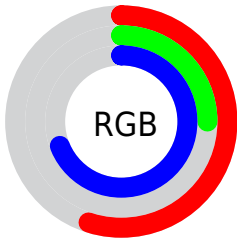
Format	Color
RYB	139, 64, 176
Decimal	9126064
CIELab	41.67, 50.37, -46.58
CIELCh	42, 68.605, 317.234
Yxy	12.2903, 0.2710, 0.1639
Android (android.graphics.Color)	4287316144 (0xFF8B40B0)
YUV	99.1930, 37.8659, 34.9107
Hunter-Lab	35.0576, 42.0974, -47.1262

Details

The YUV color **99.1930, 37.8659, 34.9107** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **140.8070, -37.8659, -34.9107**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8450, 39.0234, 36.9699**, and **41.7850, 40.0390, 37.8996** is the 20% darker color. If you saturate the color by 10%, you get **86.8330, 43.9593, 40.4885**, and if you desaturate by 10%, it is **111.5530, 31.7724, 29.3330**.

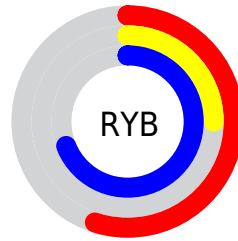
Distribution



Red (55%)

Green (25%)

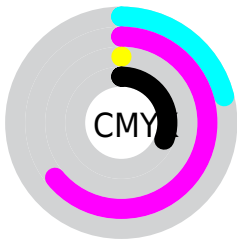
Blue (69%)



Red (55%)

Yellow (25%)

Blue (69%)

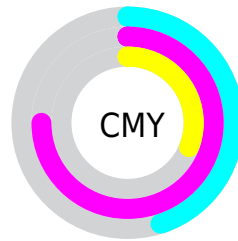


Cyan (21%)

Magenta (64%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (75%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.1930, 37.8659, 34.9107 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 99.1930, 37.8659, 34.9107 by changing the saturation by 10% instead.

99.1930, 37.8659,
34.9107

99.1930, 37.8659,
34.9107

255.0000, 0.0000,
0.0000

72.1930, 37.8659,
34.9107

152.8450, 39.0234,
36.9699

41.7850, 40.0390,
37.8996

179.9870, 36.9814,
38.5994

28.4000, 33.8198,
25.9592

204.8060, 24.7456,
43.1431

18.4880, 26.8744,
13.6040

221.5410, 16.4953,
29.3435

5.5860, 21.4031,
-4.8989

238.5640, 8.1029,
14.4144

3.6650, 11.5042,
-3.2142

0.0000, 0.0000,

0.0000

■ 99.1930, 37.8659,
34.9107

■ 99.1930, 37.8659,
34.9107

■ 86.8330, 43.9593,
40.4885

■ 111.5530, 31.7724,
29.3330

■ 75.0600, 49.7634,
45.5514

■ 123.3260, 25.9683,
24.2701

■ 62.9990, 55.7095,
51.7439

■ 135.3870, 20.0222,
18.0776

■ 55.3460, 59.4824,
54.9476

■ 147.1600, 14.2181,
13.0147

■ 159.5200, 8.1246,
7.4370

■ 171.8800, 2.0312,
1.8592

■ 183.6530, -3.7729,
-3.2037

■ 196.0130, -9.8664,
-8.7814

■ 207.4870,
-15.5231, -14.4591

Harmonies

Analogous

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



78.8900, 63.6512, -69.1865



99.1930, 37.8659, 34.9107



81.8920, 21.2522, 90.4257

Triad

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



99.1930, 37.8659, 34.9107



92.9290, -45.8140, 41.2813



86.4340, 21.4780, -75.8026

Complementary

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



99.1930, 37.8659, 34.9107



140.8070, -37.8659, -34.9107

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.



79.1210, -4.0037, -69.3891



99.1930, 37.8659, 34.9107



89.1320, -43.9421, 0.7612

Square

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



99.1930, 37.8659, 34.9107



87.6960, -38.7971, 77.4426



68.0920, -33.5694, -59.7167



91.0740, 44.3335, -79.8719

Rectangle

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



99.1930, 37.8659, 34.9107



69.9840, 8.3889, 109.6390



68.0920, -33.5694, -59.7167



84.2680, 13.1789, -73.9030

Sweetspot

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



99.1930, 37.8659, 34.9107



199.6870, 14.9443, 13.4295



98.4870, 38.2139, -30.2451



96.4600, 9.1402, 8.3666



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



99.1930, 37.8659, 34.9107



109.9330, 59.1930, 54.4328



108.0900, 24.1126, 59.5571



82.8200, 3.0467, 2.7889



47.9400, 51.7946, 47.4106



8.0470, 8.8508, 7.8518

Inverse Universe

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



101.7060, -0.3481, 65.1558



113.9370, -0.4619, 101.7873



131.9100, -24.1126, -59.5571



83.0330, -0.0163, 5.2331



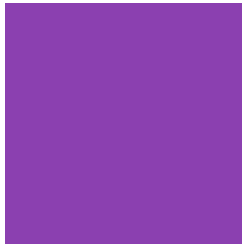
51.5610, -0.2766, 88.9620



8.6860, -0.3382, 15.1844

Previews

White Background



This preview shows how the YUV color 99.1930, 37.8659, 34.9107 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 99.1930, 37.8659, 34.9107 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 99.1930, 37.8659, 34.9107

Background



This preview shows how black text looks on a background with the YUV color 99.1930, 37.8659, 34.9107.



This preview shows how white text looks on a background with the YUV color 99.1930, 37.8659,

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

99.1930, 37.8659, 34.9107

Protanopia

78.7930, 60.7411, -69.1015

Deuteranopia

91.7200, 38.0990, -40.0964



Tritanopia

100.1600, -2.5439, 22.6617

Trichromacy



Original Color

99.1930, 37.8659, 34.9107



Protanomaly

86.5590, 52.4754, -31.1852



Deuteranomaly

94.5970, 38.1597, -12.8016



Tritanomaly

99.6780, 11.9907, 27.4694

Monochromacy



Original Color

99.1930, 37.8659, 34.9107



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

99.0460, 13.7813, 13.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.1930, 37.8659, 34.9107 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, 64, 176)` looks like.

```
.text, #text, p{  
    color:rgb(139, 64, 176)  
}
```

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, 64, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 64, 176) }
```

Border

The CSS property to change the border of an element to YUV 99.1930, 37.8659, 34.9107 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, 64, 176) }
```


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

```
.border{ border-color:rgb(139, 64, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 64, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 64, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 64, 176);  
box-shadow:4px 4px 4px 4px rgb(139, 64,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 99.1930, 37.8659, 34.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 64, 176) }
```

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

```
.background{ background-color: rgb(139, 64,  
176) }
```

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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