

Converting Colors

YUV(94.9410, -3.4219, 71.0887)

Have a look what the booklet for
YUV(94.9410, -3.4219, 71.0887)
contains.

YUV(94.9410, -3.4219, 71.0887)	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(94.9410, -3.4219,
71.0887)**

Conversions

Conversions Part 1

Format	Color
Hex	B03758
RGB	176, 55, 88
RGB Percent	69%, 22%, 35%
CMY	0.3098, 0.7843, 0.6549
CMYK	0.00, 0.69, 0.50, 0.31
HSL	344°, 52%, 45%
HSV	344°, 69%, 69%
XYZ	21.0321, 12.6671, 10.5690
YIQ	94.9410, 61.5230, 35.9150

Conversions

Conversions Part 2

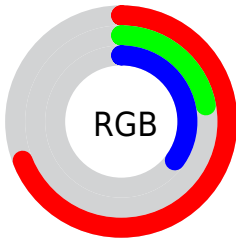
Format	Color
R_{YB}	176, 55, 88
Decimal	11548504
CIE _{Lab}	42.26, 51.32, 8.53
CIE _{LCh}	42, 52.020, 9.436
Yxy	12.6671, 0.4751, 0.2861
Android (android.graphics.Color)	4289738584 (0xFFB03758)
YUV	94.9410, -3.4219, 71.0887
Hunter-Lab	35.5908, 43.1993, 7.3069

Details

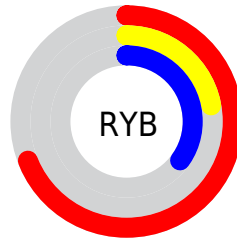
The YUV color **94.9410, -3.4219, 71.0887** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **136.0590, 3.4219, -71.0887**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8660, -6.3429, 74.6625**, and **40.1840, 1.3883, 68.2446** is the 20% darker color. If you saturate the color by 10%, you get **82.8930, -3.8912, 81.6548**, and if you desaturate by 10%, it is **106.9890, -2.9526, 60.5226**.

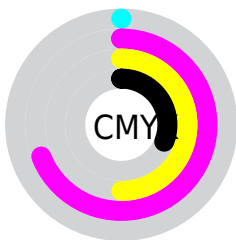
Distribution



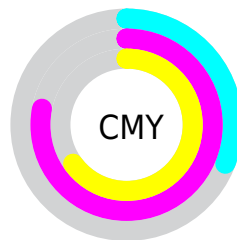
- Red (69%)
- Green (22%)
- Blue (35%)



- Red (69%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (69%)
- Yellow (50%)
- Black (31%)





- Cyan (31%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.9410, -3.4219, 71.0887 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 94.9410, -3.4219, 71.0887 by changing the saturation by 10% instead.


 94.9410, -3.4219,
71.0887

 94.9410, -3.4219,
71.0887

255.0000, 0.0000,
0.0000

 65.4510, -0.2223,
71.5185


 150.8660, -6.3429,
74.6625


 40.1840, 1.3883,
68.2446


 175.3600, -5.6005,
69.8443


 29.5320, -3.2203,
53.0304


 194.8740, -1.9099,
52.7305

 18.9510, -8.8498,
38.6310

 214.5020, 2.2175,
35.5167

 9.6820, -4.2802,
19.5729

 234.7170, 6.0555,
17.7882

 0.0000, 0.0000,
0.0000

 252.6520, 1.1576,

2.0592

■ 94.9410, -3.4219,
71.0887

■ 94.9410, -3.4219,
71.0887

■ 82.8930, -3.8912,
81.6548

■ 106.9890, -2.9526,
60.5226

■ 71.4320, -4.6500,
91.7061

■ 118.4500, -2.1938,
50.4714

■ 59.4980, -4.6825,
102.1723

■ 130.3840, -2.1613,
40.0052

■ 58.0960, -4.9773,
103.4018

■ 141.8450, -1.4026,
29.9539

■ 153.8930, -0.9332,
19.3878

■ 165.9410, -0.4639,
8.8217

■ 177.4020, 0.2948,
-1.2296

■ 189.3360, 0.3274,
-11.6957

■ 200.7970, 1.0861,
-21.7470

Harmonies

Analogous

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



99.4670, 15.5458, 53.9644



94.9410, -3.4219, 71.0887



95.5060, -23.9135, 63.5772

Triad

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



94.9410, -3.4219, 71.0887



86.9470, -30.0469, -22.7555



86.2640, 46.2118, -75.6535

Complementary

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



94.9410, -3.4219, 71.0887



136.0590, 3.4219, -71.0887

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.



86.7080, 32.6820, -76.0429



94.9410, -3.4219, 71.0887



77.0180, -4.4459, -67.5448

Square

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



94.9410, -3.4219, 71.0887



92.1660, -45.4378, 13.8864



83.3220, 14.6313, -73.0734



79.7900, 51.8685, -69.9758

Rectangle

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



94.9410, -3.4219, 71.0887



95.2150, -36.0950, 50.6774



83.3220, 14.6313, -73.0734



87.2270, 42.2861, -76.4981

Sweetspot

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



94.9410, -3.4219, 71.0887



197.1330, -1.5446, 28.8244



94.8070, 40.0281, 41.3883



95.5830, -0.7804, 17.0287



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.



94.9410, -3.4219, 71.0887



102.0370, -5.4412, 112.2236



106.4410, -25.3604, 61.0032



83.0330, -0.0163, 5.2331



50.5350, -4.2078, 89.8618



8.5720, -0.7750, 15.2844

Inverse Universe

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



94.9410, -3.4219, 71.0887



102.0370, -5.4412, 112.2236



124.5590, 25.3604, -61.0032



83.0330, -0.0163, 5.2331



50.5350, -4.2078, 89.8618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 94.9410, -3.4219, 71.0887 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 94.9410, -3.4219, 71.0887 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 94.9410, -3.4219, 71.0887

Background



This preview shows how black text looks on a background with the YUV color 94.9410, -3.4219, 71.0887.



This preview shows how white text looks on a background with the YUV color 94.9410, -3.4219,

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

94.9410, -3.4219, 71.0887

Protanopia

101.0690, 5.3890, -1.8145

Deuteranopia

101.2700, -9.5001, 13.7952



Tritanopia

94.8410, -15.2046, 70.2994

Trichromacy



Original Color

94.9410, -3.4219, 71.0887

Protanomaly

99.0230, 1.9607, 24.5358

Deuteranomaly

98.9720, -7.3812, 34.2276

Tritanomaly

94.6930, -10.6946, 70.4292

Monochromacy



Original Color

94.9410, -3.4219, 71.0887

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.5240, -1.2443, 25.8505

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9410, -3.4219, 71.0887 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(176, 55, 88)` looks like.

```
.text, #text, p{  
    color:rgb(176, 55, 88)  
}
```

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(176, 55, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 55, 88) }
```

Border

The CSS property to change the border of an element to YUV 94.9410, -3.4219, 71.0887 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(176, 55, 88) }
```


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

```
.border{ border-color:rgb(176, 55, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 55, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 55, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 55, 88);  
box-shadow:4px 4px 4px 4px rgb(176, 55,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 94.9410, -3.4219, 71.0887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 55, 88) }
```

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

```
.background{ background-color: rgb(176, 55,  
88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor