

Converting Colors

YUV(102.9050, 17.7948,
32.5323)

Have a look what the booklet for
YUV(102.9050, 17.7948, 32.5323)
contains.

YUV(102.9050, 17.7948, 32.5323)	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(102.9050, 17.7948,
32.5323)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4D8B
RGB	140, 77, 139
RGB Percent	55%, 30%, 55%
CMY	0.4510, 0.6980, 0.4549
CMYK	0.00, 0.45, 0.01, 0.45
HSL	301°, 29%, 43%
HSV	301°, 45%, 55%
XYZ	18.1293, 12.7473, 25.9310
YIQ	102.9050, 17.6460, 32.6380

Conversions

Conversions Part 2

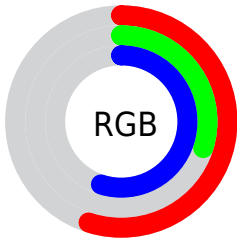
Format	Color
R_{YB}	140, 77, 139
Decimal	9194891
CIE _{Lab}	42.38, 36.18, -23.31
CIE _{LCh}	42, 43.041, 327.202
Yxy	12.7473, 0.3191, 0.2244
Android (android.graphics.Color)	4287384971 (0xFF8C4D8B)
YUV	102.9050, 17.7948, 32.5323
Hunter-Lab	35.7033, 28.1572, -18.0695

Details

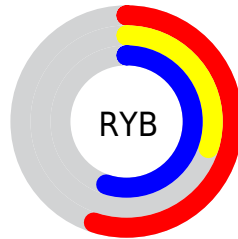
The YUV color **102.9050, 17.7948, 32.5323** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **114.0950, -17.7948, -32.5323**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.4430, 18.5156, 34.6915**, and **52.8940, 17.8003, 30.7880** is the 20% darker color. If you saturate the color by 10%, you get **94.6870, 21.8463, 39.7395**, and if you desaturate by 10%, it is **111.1230, 13.7434, 25.3251**.

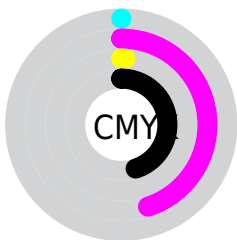
Distribution



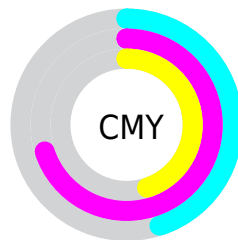
- Red (55%)
- Green (30%)
- Blue (55%)



- Red (55%)
- Yellow (30%)
- Blue (55%)



- Cyan (0%)
- Magenta (45%)
- Yellow (1%)
- Black (45%)



- Cyan (45%)
- Magenta (70%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.9050, 17.7948, 32.5323 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 102.9050, 17.7948, 32.5323 by changing the saturation by 10% instead.

102.9050, 17.7948,
32.5323

102.9050, 17.7948,
32.5323

255.0000, 0.0000,
0.0000

78.0790, 17.2161,
31.5027

155.4430, 18.5156,
34.6915

52.8940, 17.8003,
30.7880

182.8560, 18.8050,
35.2063

26.8340, 18.8158,
31.7176

210.5680, 18.9470,
36.3359

17.1610, 12.7386,
20.9068

228.5850, 13.0226,
23.1660

2.3940, 9.1728,
-2.0995

245.0210, 4.9196,
8.7516

0.0000, 0.0000,
0.0000

■ 102.9050, 17.7948,
32.5323

■ 102.9050, 17.7948,
32.5323

■ 94.6870, 21.8463,
39.7395

■ 111.1230, 13.7434,
25.3251

■ 86.4690, 25.8978,
46.9467

■ 119.3410, 9.6919,
18.1179

■ 78.1370, 29.5125,
54.2539

■ 127.6730, 6.0772,
10.8108

■ 69.9190, 33.5639,
61.4610

■ 135.8910, 2.0257,
3.6036

■ 61.7010, 37.6154,
68.6682

■ 144.1090, -2.0257,
-3.6036


■ 57.5920, 39.6411,
72.2718

■ 152.3270, -6.0772,
-10.8108

■ 160.6590, -9.6919,
-18.1179

■ 168.8770,

-13.7434, -25.3251

 177.0950,
-17.7948, -32.5323

Harmonies

Analogous

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



100.9910, 30.5704, -5.2541



102.9050, 17.7948, 32.5323



99.7370, 2.5947, 54.6047

Triad

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



102.9050, 17.7948, 32.5323



96.0390, -36.0082, 22.7678



83.6130, 23.3618, -73.3286

Complementary

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



102.9050, 17.7948, 32.5323



114.0950, -17.7948, -32.5323

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.



79.5090, 7.6371, -69.7294



102.9050, 17.7948, 32.5323



93.0570, -30.1011, -5.3120

Square

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



102.9050, 17.7948, 32.5323



97.5330, -28.3638, 44.2596



85.1200, -12.3842, -41.3242



84.4570, 36.7497, -74.0688

Rectangle

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



102.9050, 17.7948, 32.5323



98.4850, -8.6201, 58.3337



85.1200, -12.3842, -41.3242



82.3590, 18.5570, -72.2288

Sweetspot

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



102.9050, 17.7948, 32.5323



166.3250, 7.2348, 12.8700



84.1820, 27.5183, -6.2986



82.6080, 4.6303, 8.2368



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



102.9050, 17.7948, 32.5323



123.2460, 27.4867, 50.6503



99.4850, 4.6909, 35.5317



64.8910, 2.0257, 3.6036



54.5870, 37.1786, 68.7682



2.0650, 1.4470, 2.5740

Inverse Universe

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



102.9050, 17.7948, 32.5323



123.2460, 27.4867, 50.6503



117.6290, -4.2541, -35.6316



64.8910, 2.0257, 3.6036



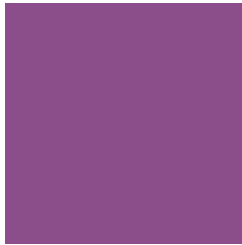
54.5870, 37.1786, 68.7682



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 102.9050, 17.7948, 32.5323 looks on a white background.

Color Contrast Check

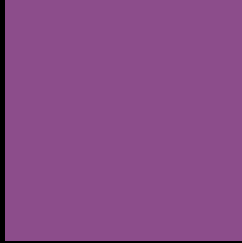
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.9050, 17.7948, 32.5323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

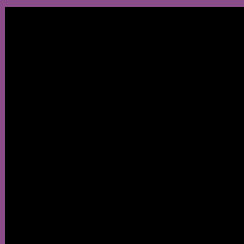
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.9050, 17.7948, 32.5323

Background



This preview shows how black text looks on a background with the YUV color 102.9050, 17.7948, 32.5323.

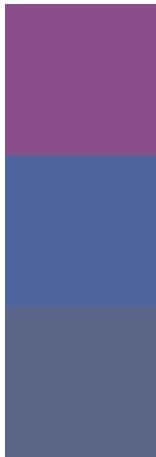


This preview shows how white text looks on a background with the YUV color 102.9050, 17.7948,

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

102.9050, 17.7948, 32.5323

Protanopia

99.6320, 28.2824, -18.0943

Deuteranopia

100.7120, 16.9040, -8.5174



Tritanopia

101.8510, -3.8705, 28.1947

Trichromacy



Original Color

102.9050, 17.7948, 32.5323

Protanomaly

100.7160, 24.2970, 0.2491

Deuteranomaly

101.5120, 17.0026, 6.5670

Tritanomaly

101.9250, 3.9810, 29.8838

Monochromacy



Original Color

102.9050, 17.7948, 32.5323

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0860, 6.3666, 11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.9050, 17.7948, 32.5323 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(140, 77, 139)` looks like.

```
.text, #text, p{  
    color:rgb(140, 77, 139)  
}
```

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(140, 77, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 77, 139) }
```

Border

The CSS property to change the border of an element to YUV 102.9050, 17.7948, 32.5323 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(140, 77, 139) }
```


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

```
.border{ border-color:rgb(140, 77, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 77, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 77, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 77, 139);  
box-shadow:4px 4px 4px 4px rgb(140, 77,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 102.9050, 17.7948, 32.5323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 77, 139) }
```

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

```
.background{ background-color: rgb(140, 77,  
139) }
```

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