

Converting Colors

YUV(94.7890, 10.4570, 52.8050)

Have a look what the booklet for
YUV(94.7890, 10.4570, 52.8050)
contains.

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Color

**YUV(94.7890, 10.4570,
52.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	9B3C74
RGB	155, 60, 116
RGB Percent	61%, 24%, 45%
CMY	0.3922, 0.7647, 0.5451
CMYK	0.00, 0.61, 0.25, 0.39
HSL	325°, 44%, 42%
HSV	325°, 61%, 61%
XYZ	18.2858, 11.4612, 17.7715
YIQ	94.7890, 38.6440, 37.5560

Conversions

Conversions Part 2

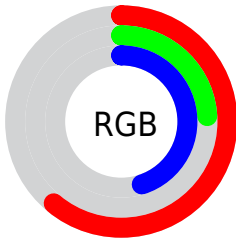
Format	Color
R_{YB}	155, 60, 116
Decimal	10173556
CIE _{Lab}	40.35, 45.77, -12.15
CIE _{LCh}	40, 47.355, 345.133
Yxy	11.4612, 0.3848, 0.2412
Android (android.graphics.Color)	4288363636 (0xFF9B3C74)
YUV	94.7890, 10.4570, 52.8050
Hunter-Lab	33.8544, 37.1680, -7.4254

Details

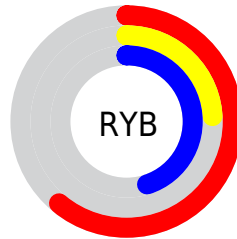
The YUV color **94.7890, 10.4570, 52.8050** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **120.2110, -10.4570, -52.8050**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2840, 9.7200, 55.8789**, and **37.6520, 14.9616, 54.6792** is the 20% darker color. If you saturate the color by 10%, you get **85.3000, 12.1771, 61.1269**, and if you desaturate by 10%, it is **104.2780, 8.7369, 44.4832**.

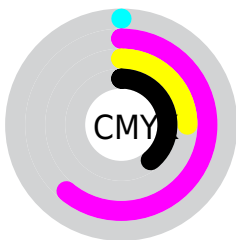
Distribution



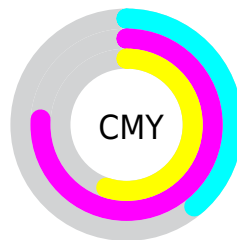
- Red (61%)
- Green (24%)
- Blue (45%)



- Red (61%)
- Yellow (24%)
- Blue (45%)



- Cyan (0%)
- Magenta (61%)
- Yellow (25%)
- Black (39%)





- Cyan (39%)
- Magenta (76%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.7890, 10.4570, 52.8050 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 94.7890, 10.4570, 52.8050 by changing the saturation by 10% instead.


 94.7890, 10.4570,
52.8050

 94.7890, 10.4570,
52.8050

255.0000, 0.0000,
0.0000


 67.7180, 11.4780,
51.9903


 148.2840, 9.7200,
55.8789


 37.6520, 14.9616,
54.6792


 175.8820, 9.4252,
57.1085

 27.3700, 9.1846,
40.8945

 199.6960, 11.4889,
48.5016

 18.0990, 3.4022,
28.8542

 219.4380, 16.0531,
31.1879

 3.2890, -1.6215,
6.7625

 236.2160, 9.2605,
16.4736

 0.0000, 0.0000,
0.0000

 253.2390, 0.8682,

1.5444

■ 94.7890, 10.4570,
52.8050

■ 94.7890, 10.4570,
52.8050

■ 85.3000, 12.1771,
61.1269

■ 104.2780, 8.7369,
44.4832

■ 75.1100, 13.7498,
70.0635

■ 114.4680, 7.1643,
35.5466

■ 65.6210, 15.4698,
78.3854

■ 123.9570, 5.4442,
27.2247

■ 56.7190, 16.9005,
86.1924

■ 134.0330, 3.4347,
18.3881

■ 144.2230, 1.8621,
9.4514

■ 153.7120, 0.1420,
1.1296

■ 163.9020, -1.4307,
-7.8071

■ 173.3910, -3.1508,
-16.1289

■ 183.4670, -5.1602,
-24.9656

Harmonies

Analogous

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



98.1900, 25.5423, 20.8814



94.7890, 10.4570, 52.8050



91.5720, -7.1840, 64.3964

Triad

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



94.7890, 10.4570, 52.8050



87.3870, -40.6168, 7.5536



82.1430, 32.9605, -72.0394

Complementary

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



94.7890, 10.4570, 52.8050



120.2110, -10.4570, -52.8050

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.



79.3270, 17.0938, -69.5698



94.7890, 10.4570, 52.8050



82.4500, -22.8998, -28.4586

Square

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



94.7890, 10.4570, 52.8050



90.4920, -39.6826, 34.6485



74.1800, -0.0887, -65.0559



81.0150, 43.8696, -71.0502

Rectangle

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



94.7890, 10.4570, 52.8050



92.0370, -19.2452, 59.6036



74.1800, -0.0887, -65.0559



81.5900, 28.3031, -71.5544

Sweetspot

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



94.7890, 10.4570, 52.8050



178.2720, 4.3029, 19.9325



82.1920, 35.8943, 13.8636



88.0600, 2.4354, 12.2254



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.



94.7890, 10.4570, 52.8050



106.5830, 16.4746, 82.8037



89.5450, -9.6357, 57.4040



71.8480, 0.5679, 4.5183



51.3220, 15.6173, 77.7706



4.7990, 1.5781, 7.1923

Inverse Universe

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



94.7890, 10.4570, 52.8050



106.5830, 16.4746, 82.8037



125.4550, 9.6357, -57.4040



71.8480, 0.5679, 4.5183



51.3220, 15.6173, 77.7706



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 94.7890, 10.4570, 52.8050 looks on a white background.

Color Contrast Check

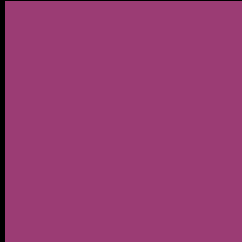
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.7890, 10.4570, 52.8050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

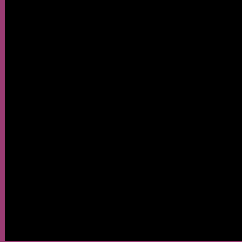
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.7890, 10.4570, 52.8050

Background



This preview shows how black text looks on a background with the YUV color 94.7890, 10.4570, 52.8050.



This preview shows how white text looks on a background with the YUV color 94.7890, 10.4570,

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

94.7890, 10.4570, 52.8050

Protanopia

95.1720, 22.5932, -13.3058

Deuteranopia

96.5470, 7.1253, 1.2743



Tritanopia

94.7890, -9.7560, 49.2970

Trichromacy



Original Color

94.7890, 10.4570, 52.8050

Protanomaly

95.1750, 18.1547, 10.3705

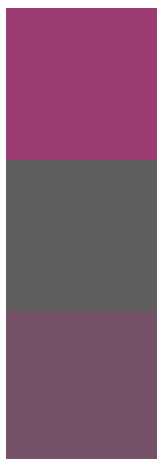
Deuteranomaly

96.0100, 8.3761, 20.1622

Tritanomaly

94.4500, -2.1939, 50.4714

Monochromacy



Original Color

94.7890, 10.4570, 52.8050

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8590, 4.0135, 19.4177

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7890, 10.4570, 52.8050 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(155, 60, 116)` looks like.

```
.text, #text, p{  
    color:rgb(155, 60, 116)  
}
```

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(155, 60, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 60, 116) }
```

Border

The CSS property to change the border of an element to YUV 94.7890, 10.4570, 52.8050 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(155, 60, 116) }
```


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

```
.border{ border-color:rgb(155, 60, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 60, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 60, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 60, 116);  
box-shadow:4px 4px 4px 4px rgb(155, 60,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 94.7890, 10.4570, 52.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 60, 116) }
```

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

```
.background{ background-color: rgb(155, 60,  
116) }
```

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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