

Converting Colors

YUV(92.9730, 14.3103,
-16.6393)

Have a look what the booklet for
YUV(92.9730, 14.3103, -16.6393)
contains.

YUV(92.9730, 14.3103, -16.6393)	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(92.9730, 14.3103,
-16.6393)**

Conversions

Conversions Part 1

Format	Color
Hex	4A617A
RGB	74, 97, 122
RGB Percent	29%, 38%, 48%
CMY	0.7098, 0.6196, 0.5216
CMYK	0.39, 0.20, 0.00, 0.52
HSL	211°, 24%, 38%
HSV	211°, 39%, 48%
XYZ	10.6116, 11.4104, 20.0555
YIQ	92.9730, -21.7330, 2.8990

Conversions

Conversions Part 2

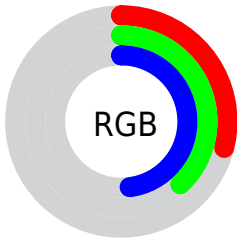
Format	Color
R_{YB}	74, 90, 122
Decimal	4874618
CIE _{Lab}	40.26, -1.75, -16.79
CIE _{LCh}	40, 16.880, 264.035
Y _{xy}	11.4104, 0.2522, 0.2712
Android (android.graphics.Color)	4283064698 (0xFF4A617A)
YUV	92.9730, 14.3103, -16.6393
Hunter-Lab	33.7792, -3.0388, -11.5563

Details

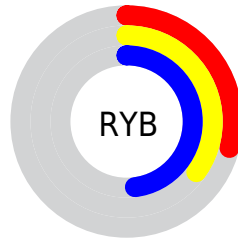
The YUV color **92.9730, 14.3103, -16.6393** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **103.0270, -14.3103, 16.6393**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.2010, 15.1839, -16.8393**, and **46.0330, 13.2947, -17.5689** is the 20% darker color. If you saturate the color by 10%, you get **85.8630, 17.8155, -20.9279**, and if you desaturate by 10%, it is **100.0830, 10.8051, -12.3508**.

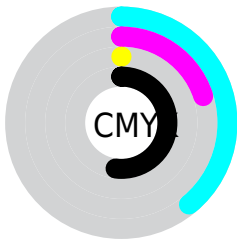
Distribution



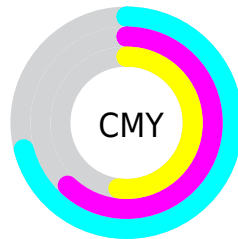
- Red (29%)
- Green (38%)
- Blue (48%)



- Red (29%)
- Yellow (35%)
- Blue (48%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (52%)



- Cyan (71%)
- Magenta (62%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.9730, 14.3103, -16.6393 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 92.9730, 14.3103, -16.6393 by changing the saturation by 10% instead.

■ 92.9730, 14.3103,
-16.6393

■ 92.9730, 14.3103,
-16.6393

■ 255.0000, 0.0000,
0.0000

■ 68.8590, 13.8735,
-16.5393

■ 143.2010, 15.1839,
-16.8393

■ 46.0330, 13.2947,
-17.5689

■ 170.3150, 15.6207,
-16.9393

■ 23.4240, 13.5950,
-20.5428

■ 197.4290, 16.0575,
-17.0392

■ 5.1810, 12.2358,
-4.5437

■ 225.0870, 14.7471,
-16.7393

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,
-12.9103

■ 92.9730, 14.3103,
-16.6393

■ 92.9730, 14.3103,
-16.6393

■ 85.8630, 17.8155,
-20.9279

■ 100.0830, 10.8051,
-12.3508

■ 78.1660, 21.6102,
-24.7016

■ 107.7800, 7.0105,
-8.5771

■ 70.7570, 25.2628,
-29.6049

■ 115.1890, 3.3578,
-3.6738

■ 63.6470, 28.7680,
-33.8934

■ 122.2990, -0.1474,
0.6148

■ 55.9500, 32.5626,
-37.6671

■ 129.9960, -3.9420,
4.3885

■ 48.8400, 36.0679,
-41.9557


■ 137.1060, -7.4473,
8.6770

■ 47.9540, 36.5047,
-42.0557

■ 144.2160,
-10.9525, 12.9656

■ 152.2120,

-14.8945, 17.3541

 159.3220,
-18.3997, 21.6426

Harmonies

Analogous

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



89.9670, 13.3273, -28.0351



92.9730, 14.3103, -16.6393



95.4910, 12.0829, -2.1846

Triad

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



92.9730, 14.3103, -16.6393



96.2480, -6.0383, 23.4615



91.2020, -6.5086, -12.4552

Complementary

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



92.9730, 14.3103, -16.6393



103.0270, -14.3103, 16.6393

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.



92.7260, -11.2039, 0.2403



92.9730, 14.3103, -16.6393



95.8470, -11.2636, 19.4282

Square

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



92.9730, 14.3103, -16.6393



96.9470, 0.5191, 20.2175



94.6350, -13.1311, 11.7211



89.1990, 1.3809, -22.9765

Rectangle

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



92.9730, 14.3103, -16.6393



96.7480, 8.9982, 7.2370



94.6350, -13.1311, 11.7211



92.0670, -8.4140, -7.9518

Sweetspot

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



92.9730, 14.3103, -16.6393



146.4490, 5.6946, -6.5328



105.0260, -2.9708, -27.2098



72.1890, 3.3578, -3.6738



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



92.9730, 14.3103, -16.6393



112.9810, 22.1944, -25.4163



79.7710, 20.8189, -4.1842



57.4450, 1.7526, -2.1443



49.4700, 37.2363, -43.3852



99.7550, 75.0568, -87.4851

Inverse Universe

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



90.9740, 2.9708, 27.2098



110.1160, 4.3798, 41.9943



116.2290, -20.8189, 4.1842



57.1360, 0.4260, 3.3887



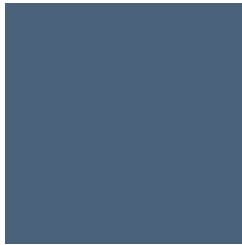
44.2150, 7.7820, 70.8484



89.1420, 15.7060, 142.8265

Previews

White Background



This preview shows how the YUV color 92.9730, 14.3103, -16.6393 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 92.9730, 14.3103, -16.6393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

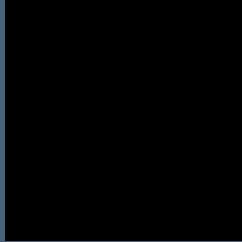
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

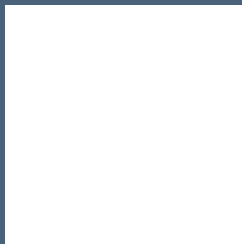
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 92.9730, 14.3103, -16.6393

Background



This preview shows how black text looks on a background with the YUV color 92.9730, 14.3103, -16.6393.



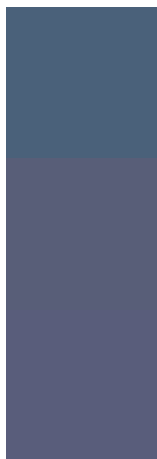
This preview shows how white text looks on a background with the YUV color 92.9730, 14.3103,

-16.6393.

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

92.9730, 14.3103, -16.6393

Protanopia

95.1700, 12.2412, -6.2881

Deuteranopia

95.2240, 13.6936, -5.4584



Tritanopia

91.9420, 7.9166, -19.2431

Trichromacy



Original Color

92.9730, 14.3103, -16.6393

Protanomaly

94.3760, 13.1256, -9.9768

Deuteranomaly

94.3160, 14.1412, -9.0471

Tritanomaly

92.2240, 10.2426, -18.6134

Monochromacy



Original Color

92.9730, 14.3103, -16.6393

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7480, 5.5472, -5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.9730, 14.3103, -16.6393 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(74, 97, 122)` looks like.

```
.text, #text, p{  
    color:rgb(74, 97, 122)  
}
```

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(74, 97, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 97, 122) }
```

Border

The CSS property to change the border of an element to YUV 92.9730, 14.3103, -16.6393 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(74, 97, 122) }
```


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

```
.border{ border-color:rgb(74, 97, 122) }
```

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

Here you see how a box with a 4 pixel rgb(74, 97, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 97, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 97, 122);  
box-shadow:4px 4px 4px 4px rgb(74, 97,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 92.9730, 14.3103, -16.6393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 97, 122) }
```

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

```
.background{ background-color: rgb(74, 97,  
122) }
```

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